labbox

lab supplies at fair prices

Teknolab

LABBOX COMMITMENTS

1

LOW PRICES- ALWAYS

Our prices are not “special offers” or “promotions”, but stay the best low prices possible through the whole year. Our commitment with you are starting from the first article, and we strive to give you the best prices possible at all times.
We will not increase our prices, only to give you a discount later. We have done all we can to reduce the prices, always at your advantage, and from your first purchase.

2

SATISFIED, OR YOUR MONEY BACK

You have 15 days, starting when we receive your order, to return any product you are not satisfied with, and we do not need further explanation.

If the product does not meet your expectations, you ordered it by mistake, or you got a faulty product, we will change it or give you your money back.

DISCLAIMER

We did our utmost to accurately define, through photographs, drawings, measurements and descriptions, all the products of this catalogue. Nevertheless, all the data, both graphics and descriptions, must be considered as approximative; they shall not constitute a written contract between Labbox Labware S.L and its clients. In case of a discrepancy between the information in the catalogue and the actual product, Labbox Labware S.L. responsibility is limited to accepting the return of the products.

Products mentioned in this catalogue are exclusively made for laboratory use, and their utilization is reserved for professional purposes only. Labbox Labware S.L. cannot be held responsible for the misuse of its products. People involved in handling, transporting or using these products must know the risks involved. They must wear the recommended individual or collective protection devices, read and follow the safety recommendations written on the labels, on the Material Safety Data Sheet of chemical products, or in the instruction manuals.

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ABOUT
LABBOX

Labbox was born in Barcelona at the end of 2005 with three commitments that still remain intact today: to offer laboratory material at fair prices, to deliver quickly and to build close and trusting relationships with the customers.

Since its launch, Labbox has transformed the laboratory materials market in Spain, being the fastest growing company in this field over the past 18 years.

In March 2006 our first catalogue in Spain came to life, with about 10 pages and 200 laboratory glass references. Since then, every year a new catalogue has been launched, with an ever-growing portfolio. Nowadays, the Labbox catalogue has become a reference point in the sector offering more than 5800 references of consumables, equipment, and laboratory chemical products.

Labbox has its own subsidiary in France, Italy, the Netherlands and Germany. In addition, we have the support of distributors in more than 50 countries, more than 70 employees, several thousand active customers and a revenue of over 16 million euros.

In our effort to become a leading global supplier of laboratory products, in 2021 we opened a new headquarters near Barcelona with a total surface of 5000 m². The characteristics of the new warehouse allow us to improve efficiency and agility, multiplying our storage capacity by 5. In addition, the facilities are adapted to store chemicals safely.

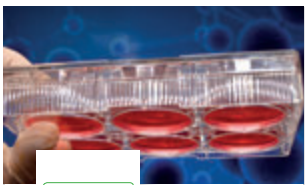
If we look back, we can say that we are proud of the journey that we have taken and the fact that we have kept our business values, the same values that we once dreamt of and that would help to create a company that is different from the rest.

OUR **BRANDS**

Labbox presents an extended catalogue of references that are integrated into 14 specialized own brands by fields, and easily identifiable in our catalog thanks to their logos.

Gquence — molecular biology

ONiLAB — premium brand for agitators



GRYNIA — cell culture

BRANCHIA — filtration

METRIA — test and measurement

lbx instruments — small lab equipemt

clink — metalware

labkem — chemical products

bb — lab essentials

Epibox — safety products

EASY — liquid handling

astiK's — plasticware

HDN ceramics — porcelainware

LBG — glassware

WHAT'S NEW 2024

NEW

For easy distinction, the new references are marked in orange along with the 'New' logo.

LBX instruments includes laboratory equipment such as stirrers, baths, evaporators, centrifuges, incubators, ovens, or vacuum pumps, along with all the accessories required for their use.

In this catalogue edition, we introduce several new items to the range:

The cooling recirculator, **RC-1.** A versatile instrument that can be combined with many devices in our catalogue (rotary evaporators, distillation equipment, Soxhlet apparatus, etc.) and represents an eco-friendly and cost-effective option for cooling applications.

Two new **stirrers**:

The **H10X04** multiple magnetic stirrer with heating, the only one in our range of multi-plate stirrers that allows individual regulation of temperature and speed for each plate.

The **ROC-B1** mechanical stirrer, the first with "oscillating" movement.

p. 164, 268, 272

Gquence

NEW MOLECULAR BIOLOGY REAGENTS

The Gquence molecular biology reagents line experiences growth this year by introducing eight new products and expanding some references in existing products. These additions enrich the Gquence portfolio, providing researchers with an increasingly diverse range of options and facilities.

p. 25 - 31

Visit our website to stay updated on the innovations we incorporate into our portfolio throughout the year.

Our Astik's brand includes all kinds of plastic consumables for use in laboratories, clinics, industry, ...

To this extensive and versatile range, we add:

New cardboard racks for micropipette tips, combining lightweight and 100% biodegradable materials. They reduce plastic consumption by 60% compared to traditional options, maintaining quality without compromising our commitment to sustainability.

New conductive tips for automated or robotic systems. They offer a standardized design ensuring precise and efficient handling of liquid volumes, large or small, during processes such as sample preparation, assays, and automated analysis.

Polypropylene vials with hinged lids and graduations. Ideal for food sampling.

p. 121-122, 210

METRIA

METRIA products will allow you to perform your tests and measurements with excellent precision and reliability.

In this catalogue edition, we have expanded the range of chromatography vials with new types of vials and caps to cover the full spectrum of applications.

Additionally, METRIA introduces the PLUS analytical balance, available in two versions: external calibration and internal calibration. METRIA balances offer excellent stability and sensitivity.

p. 216-221, 248

ALSO OF INTEREST...

New set of special laboratory markers that includes three different colours (black, blue, red).

Pre-cut aluminum foil. Ideal for packaging, wrapping, and isolating. Available in different sizes and in square and round shapes.

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HOW TO PLACE **AN ORDER?**

1. Visit our website
2. Create your own account
3. Acces our catalogue
4. Fill your basket
5. Choose the payment method
6. You will receive an email with the order confirmation and a second email with the shipping dates
7. Access the tracking of your order in the email that you will receive when the order is on its way

Option to generate a quotation before sending your order

In addition to the possibility of tracking your order, in the tracking email you will also find the delivery note of your purchase and important information regarding the products of the shipment

In some markets we sell our products through distributors to serve you more closely and effciently. In these cases, you should contact our partners to purchase the products of this catalogue. At our website you will find the contact of your nearest distributor

Place your order 24/7 at our website

Check products, characteristics and stock
Orders and quotes online
Incidence Management and Resolution
Technical queries and FAQ

PICTOGRAM GUIDE

- Requires cold transportation
- Product of short shelf life, please read carefully the information about the expiry date on the label
- Food-grade product
- May require a declaration of use depending on the destination country
- Suitable for photo-sensitive samples
- DNasa and RNasa free
- Sterile by gamma radiation
- Available in standard size and economy size
- Autoclavability
- Complies with the specifications defined in the European directive
- Complies with the European Directive of In Vitro Diagnostic Devices
- Product made of borosilicate glass with high chemical resistance and low reactivity
- Product made of soda-lime glass with moderate chemical resistance
- Sterile by Ethylene Oxide
- Sterile by beta radiation
- Bisphenol A (BPA) and phthalate-free product

PACKAGING

- plastic bottle GL45
- plastic bottle
- glass bottle GL45
- glass bottle
- plastic dropper bottle
- plastic ampoule
- aluminium container
- plastic twin neck
- Bag in Box PET/Al
- glass bottle PP28
- metal can
- glass dropper bottle
- specimen container
- plastic jerrycan
- COEX plastic bottle
- plastic Bag
- COEX plastic jerrycan
- plastic pail
- vial
- bag
- zipper bag
- plastic dispenser bottle
- plastic spray

LIFE SCIENCE

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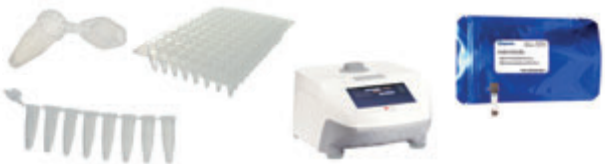

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GENERAL LABWARE

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labbox

LIFE SCIENCE

CULTURE FLASKS, TREATED, STERILE

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Flat base which is free from striation to maximize the usable growth area. Polyethylene cap available in two versions: blind standard cap for closed systems and vented cap with a 0,22 µm hydrophobic membrane to allow gas exchange minimizing the risk of cross contamination. Angled neck design to improve access of pipettes and cell scrapers. Engraved graduation on both sides and writing area next to the neck. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags. Free sterilization certificate available on the website

reference	volume (ml)	growth area (cm^2)	stopper	pcs/pack	price/pack kr
CCFP-S25-200	25	12,5	standard	200	1864
CCFP-V25-200	25	12,5	vent	200	2254
CCFP-S50-200	50	25,0	standard	200	1951
CCFP-V50-200	50	25,0	vent	200	2406
CCFP-25S-100	250	75,0	standard	100	2254
CCFP-25V-100	250	75,0	vent	100	2623
CCFP-60S-040	600	182,0	standard	40	1495
CCFP-60V-040	600	182,0	vent	40	1799
CCFP-85S-018	850	300,0	standard	18	1272
CCFP-85V-018	850	300,0	vent	18	1404

MULTILAYER CULTURE FLASKS, STERILE

Manufactured with transparent high-quality polystyrene. 5 layers with treated surface for maximizing cell adherence. Polyethylene cap available in two versions: blind standard cap for closed systems and vented cap with a 0,22 µm hydrophobic membrane to allow gas exchange minimizing the risk of cross contamination. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags. Free sterilization certificate available on the website

reference	growth area (cm^2)	stopper	pcs/pack	price/pack kr
CCML-87S-008	870	standard	8	2098
CCML-87V-008	870	vent	8	2098

CULTURE MULTIWELL PLATES, TREATED, STERILE

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Uniform volume and growth surface in all wells. Smooth well surface which is free from striation to maximize the usable growth area. Wells are labeled with alphanumeric code for easy identification. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Lids included. Packed in individual bags. Free sterilization certificate available on the website

reference	wells	working vol. (ml)	growth area (cm^2)	bottom	pcs/pack	price/pack kr
CCPP-006-100	6	1,90 - 2,90	9,60	flat	100	2167
CCPP-012-100	12	0,76 - 1,14	3,85	flat	100	2254
CCPP-024-100	24	0,38 - 0,57	1,93	flat	100	2254
CCPP-048-100	48	0,19 - 0,29	0,83	flat	100	2428
CCPP-096-100	96	0,075 - 0,20	0,33	flat	100	2167
CCPP-U96-100	96	0,075 - 0,20	0,58	U-shaped	100	2688

CULTURE DISHES, TREATED, STERILE

GRYNIA
β STERILE

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Smooth surface which is free from striation to maximize the usable growth area. Sterilized by beta irradiation and free of pyrogens. Lids included. Packed in resealable bags of 10 units. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	$Ø_{lid}$ (mm)	$h_{with\ lid}$ (mm)	growth area (cm^2)	pcs/pack	price/pack kr
CCDP-035-960	32,8	37,8	12,5	8,5	960	3295
CCDP-060-600	52,0	58,8	17,8	21,2	600	2558
CCDP-100-300	87,8	95,6	22,0	60,8	300	1821

ERLENMEYER FLASK FOR CELL CULTURE, STERILE

GRYNIA
β STERILE
FREE

Ideal for shaking cell culture applications. All formats include a vent-type HDPE cap with a 0.22µm hydrophobic filter. The plastic material is very resistant and allows an optimal visualization of the interior. Engraved graduation on the side of the flask. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags. Free sterilization certificate available on the website

reference	capacity	composition	pcs/pack	price/pack kr
EFCC-125-024	125 ml	PETG	24	1949
EFCC-250-012	250 ml	PETG	12	1321
EFCC-500-012	500 ml	PETG	12	1738
EFCC-1K0-024	1000 ml	PETG	24	3820

MEDIA BOTTLES

GRYNIA
NEW
β STERILE
FREE

Withstand temperatures from -80 °C up to +60 °C. Cap in HDPE. Fully transparent. Reduced permeability to CO_2 and O_2, molded graduations for precision, and free of DNase/RNase and pyrogens. Sterilized by irradiation with a SAL of 10^{-6} (ISO11137) and manufactured in a class 100,000 clean room environment, adhering to ISO13485 and ISO9001 quality management standards. Free sterilization certificate available on the website

reference	capacity	composition	pcs/pack	price/pack kr
MDBT-125-024	125 ml	PETG	24	364
MDBT-250-024	250 ml	PETG	24	422
MDBT-500-024	500 ml	PETG	24	854
MDBT-1K0-024	1000 ml	PETG	24	1694

VACUUM FILTER CUP FOR TUBES, STERILE

GRYNIA
β STERILE

Used for the filtration of culture media and other biological fluids. Upper cup made of ABS, central neck and lid made of polypropylene. Compatible with 50 ml centrifuge tubes. Maximum usage temperature: 45 °C. Sterilized by beta irradiation and free of pyrogens. Packaged in individual bags. Free sterilization certificate available on the website

reference	pore (µm)	capacity	pcs/pack	price/pack kr
PES Membrane				
TVPE-152-024	0,22	150 ml	24	1777
TVPE-154-024	0,45	150 ml	24	1777
PVDF Membrane				
TVPV-152-024	0,22	150 ml	24	1777
TVPV-154-024	0,45	150 ml	24	1777

VACUUM FILTRATION UNITS, STERILE

Used for the filtration of culture media and other biological fluids. Collection bottle made of polystyrene, upper cup made of ABS, central neck and lid made of polypropylene. Filter membrane made of PES (polyethersulfone). Maximum usage temperature: 45 °C. Sterilized by beta irradiation and free of pyrogens. Packed in individual bags. Free sterilization certificate available on the website

reference	pore (µm)	volume (ml)	Ø membranae (mm)	pcs/pack	price/pack kr
PES Membrane					
VFPE-152-012	0,22	150	50	12	1214
VFPE-154-012	0,45	150	50	12	1214
VFPE-252-012	0,22	250	50	12	1369
VFPE-254-012	0,45	250	50	12	1369
VFPE-502-012	0,22	500	75	12	1684
VFPE-504-012	0,45	500	75	12	1684
VFPE-1K2-012	0,22	1000	91	12	2738
VFPE-1K4-012	0,45	1000	91	12	2738
PVDF Membrane					
VFPV-152-012	0,22	150	50	12	1214
VFPV-154-012	0,45	150	50	12	1214
VFPV-252-012	0,22	250	50	12	1369
VFPV-254-012	0,45	250	50	12	1369
VFPV-502-012	0,22	500	75	12	1684
VFPV-504-012	0,45	500	75	12	1684
VFPV-1K2-012	0,22	1000	91	12	2738
VFPV-1K4-012	0,45	1000	91	12	2738

CELL STRAINER

Made of a strong nylon mesh with evenly spaced mesh pores. The extended lip on the strainer enables aseptic handling with forceps. Designed to fit standard 50 ml conical tubes. Individually packed, sterilized by beta irradiation. DNase and RNase free, non-pyrogenic. Free sterilization certificate available on the website

reference	pore (µm)	description	pcs/pack	price/pack kr
CEST-040-050	40	blue, sterile	50	1521
CEST-070-050	70	white, sterile	50	1521
CEST-100-050	100	yellow, sterile	50	1521
Pestle				
CEST-PES-100		PP, light green, sterile	100	1217

CELL SCRAPERS, STERILE

Two blade positions: “scraper” and “lifter”, made of thermoplastic elastomer (TPE). Flexible ABS handle, specially designed to collect cells without damaging. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in individual bags. Free sterilization certificate available on the website

reference	blade width (mm)	l total (mm)	pcs/pack	price/pack kr
CSCP-025-100	20	250	100	1141
CSCP-039-100	20	390	100	1673

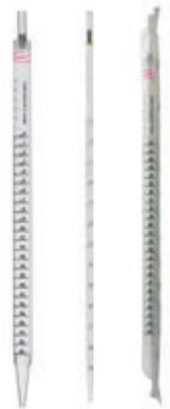
CELL LIFTER

Used to collect cells from a culture plate and or to eliminate cell layers. Polyethylene material. The one-piece design and the chiselled blade provide improved control while minimizing damage to cells. Sterilized by beta irradiation, non-pyrogenic. Packed in individual bags. Free sterilization certificate available on the website

reference	l_{total} (mm)	description	pcs/pack	price/pack kr
CELI-023-100	234	white, sterile	100	720

POLYSTYRENE SEROLOGICAL PIPETTE, STERILE

Made of crystal polystyrene and with colour coded ring for quick volume identification. Sterilized by beta irradiation. Non-pyrogenic. Packed individually in paper/plastic bag (peel-pack). Cotton filter plug to protect pipetting devices. Graduations are calibrated for accurate dispensing within ±2%. Normal graduation (zero on top). Carton has been specially designed for efficient bench top dispensing with a removable perforated front pane. Free sterilization certificate available on the website



reference	capacity	graduation (ml)	code colour	pcs/pack	price/pack kr
MPIP-J01-500	1 ml	0,01	yellow	500	952
MPIP-J02-500	2 ml	0,02	green	500	1118
MPIP-J05-200	5 ml	0,1	blue	200	559
MPIP-J10-200	10 ml	0,1	orange	200	642
MPIP-J25-150	25 ml	0,2	red	150	911
MPIP-J50-100	50 ml	0,5	purple	100	991

TISSUE GRINDER, PTFE

Used for the controlled reduction of particle size and homogenization of a variety of substances, especially biological material. The plunger head is made of pure PTFE and the shaft of stainless steel (Ø 6,5 mm). The tube is made of borosilicate glass and the clearance between the plunger head and tube is 0,15-0,25 mm wide. Volumes stated are working volumes with the plunger in place

reference	volume (ml)	h (mm)	type	pcs/pack	price/pack kr
TIGR-V02-001	2	120	glass vessel	1	638
TIGR-V05-001	5	135	glass vessel	1	743
TIGR-V10-001	10	150	glass vessel	1	790
TIGR-V15-001	15	155	glass vessel	1	885
TIGR-V30-001	30	175	glass vessel	1	1039
TIGR-V50-001	50	195	glass vessel	1	1284
TIGR-P02-001	2	230	plunger	1	316
TIGR-P05-001	5	235	plunger	1	308
TIGR-P10-001	10	270	plunger	1	318
TIGR-P15-001	15	270	plunger	1	410
TIGR-P30-001	30	270	plunger	1	504
TIGR-P50-001	50	270	plunger	1	639

Steristoppers®

CELLULOSE STOPPERS, STERILIZABLE

Disposable. Designed to close culture and microbiological samples, sample tubes, erlenmeyers, ... Will fit perfectly into the mouth of the container. Sterilizable up to 200 °C. Air permeable

reference	number	for containers with $Ø_{inner}$	pcs/pack	price/pack kr
SSTO-08P-100	8P	7,5 - 10,5 mm	100	103
SSTO-009-100	9	10,5 - 11,5 mm	100	87
SSTO-09P-100	9P	9,0 - 10,5 mm	100	95
SSTO-010-100	10	9,5 - 11,5 mm	100	96
SSTO-011-100	11	12,0 - 14,5 mm	100	108
SSTO-012-100	12	11,5 - 13,5 mm	100	93
SSTO-013-100	13	12,5 - 14,5 mm	100	100
SSTO-014-100	14	13,0 - 14,5 mm	100	128
SSTO-015-100	15	13,5 - 15,5 mm	100	144
SSTO-018-100	18	17,5 - 18,5 mm	100	177
SSTO-019-100	19	19,0 - 22,0 mm	100	337
SSTO-026-100	26	26,0 - 27,0 mm	100	290
SSTO-027-100	27	27,0 - 32,5 mm	100	539
SSTO-029-025	29	29,5 - 31,0 mm	25	134
SSTO-29K-025	29K	26,0 - 27,0 mm	25	83
SSTO-032-025	32	32,5 - 35,0 mm	25	185
SSTO-036-025	36	35,5 - 39,5 mm	25	209
SSTO-037-025	37	37,5 - 41,5 mm	25	263
SSTO-038-025	38	40,0 - 43,5 mm	25	193
SSTO-40P-025	40P	42,0 - 46,5 mm	25	287
SSTO-45P-025	45P	47,0 - 48,0 mm	25	431

Labocap

TEST TUBE CAPS, LABOCAP

Used in microbiological, bacteriological and biotechnological laboratories. They are mainly used to protect the sample against external dirt, guaranteeing a sterilizable but non-hermetic seal. Made of high quality aluminum. Built-in spring made of nickel-plated steel that gives an excellent adhesion to the tube and ensures the required air flow

reference	$Ø_{tube}$ (mm)	colour	pcs/pack	price/pack kr
CFTT-012-010	12/13	red	10	166
CFTT-015-010	15/16	red	10	210
CFTT-017-010	17/18	red	10	199
CFTT-019-010	19/20	red	10	230
CFTT-024-010	24/26	red	10	518
CFTT-S12-010	12/13	silver	10	166
CFTT-S15-010	15/16	silver	10	210
CFTT-S17-010	17/18	silver	10	178
CFTT-S19-010	19/20	silver	10	200
CFTT-S24-010	24/26	silver	10	518
CFTT-B12-010	12/13	blue	10	166
CFTT-B15-010	15/16	blue	10	210
CFTT-B17-010	17/18	blue	10	178
CFTT-B19-010	19/20	blue	10	200
CFTT-B24-010	24/26	blue	10	518

PCR MICROTUBE, DNase AND RNase FREE *PREMIUM LINE*

Made of polypropylene. Thin wall tube for PCR, optimized for all thermocyclers models. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Natural colour. Autoclavable

astiK's

reference	capacity	type	pcs/pack	price/pack kr
PCRD-F02-1K0	0,2 ml	PCR flat lid	1000	300
PCRD-F05-1K0	0,5 ml	PCR flat lid	1000	469

PCR MICROTUBE

Made of high quality polypropylene. Autoclavable

astiK's

reference	capacity	type	pcs/pack	price/pack kr
PCRP-002-1K0	0,2 ml	for PCR, flat lid	1000	137
"Saving package"				
PCRP-002-20K	0,2 ml	for PCR, flat lid	20 x 1000	2184

PCR 0,2 ml MICROTUBE STORAGE BOX

Made of polypropylene. With transparent lid. Autoclavable

astiK's

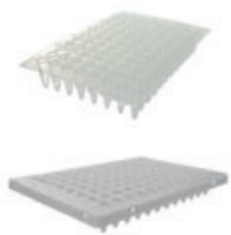
reference	type	pcs/pack	price/pack kr
PBOX-Y96-001	up to 96 tubes (8x12) 0.2 ml. Yellow color	1	57

96-WELL PCR/qPCR PLATES

Optimized for most thermocycler models. Made of polypropylene USP VI. Alphanumeric code. Human DNA free and certified DNase, RNase and PCR-inhibitors free

astiK's

reference	capacity	type	pcs/pack	price/pack kr
PCRL-096-100	0,2 ml	PCR, natural colour, non-skirted	10 x 10	1761
PCRL-Q96-100	0,2 ml	qPCR, natural colour, semi skirted	10 x 10	2443
PCRL-N96-100	0,2 ml	qPCR, natural colour, sub-semi skirted	10 x 10	2443
PCRL-P96-100	0,1 ml	qPCR, natural colour, semi skirted	10 x 10	2443
PCRL-L96-100	0,1 ml	qPCR, natural colour, sub-semi skirted	10 x 10	2443
PCRL-W96-100	0,1 ml	qPCR, white opaque colour, semi skirted	10 x 10	2580



384-WELL qPCR PLATES

Made of polypropylene USP VI. Alphanumeric code. Human DNA free and certified DNase, RNase, PCR-inhibitors, ATP and endotoxin free

astiK's

reference	type	pcs/pack	price/pack kr
PCRL-384-100	full skirted, ABI & Bio-Rad type	10 x 10	3672
PCRL-W38-100	full skirted, Roche & Bio-Rad type	10 x 10	3672

PCR TUBE STRIPS

Strip of 8 tubes for PCR, optimized for all thermocycler models. Made of polypropylene USP VI. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Natural colour. Packed in bags of 12 pcs each. Autoclavable

reference	capacity	type	pcs/pack	price/pack kr
PCRS-0S8-120	0,2 ml	cap strips included	10 x 12	669
PCRS-0A8-120	0,2 ml	individual attached caps	10 x 12	669

qPCR TUBE STRIPS

Strip of 8 tubes for qPCR. Made of polypropylene USP VI. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Includes optical strip caps in bags of 120 pcs

reference	capacity	type	pcs/pack	price/pack kr
PCRS-8C1-120	0,1 ml	natural colour, frosted	10 x 12	887
PCRS-8W1-120	0,1 ml	white colour, opaque	10 x 12	915
PCRS-8U1-120	0,1 ml	natural colour, ultra clear	10 x 12	887
PCRS-8C2-120	0,2 ml	natural colour, transparent	10 x 12	887
PCRS-8W2-120	0,2 ml	white colour, opaque	10 x 12	915

4 WELL qPCR TUBE STRIPS

Made of polypropylene USP VI. Thin wall for best heat transfer, evaporation rate below 5%. Human DNA free and certified DNase, RNase, and PCR-inhibitors free. Packed in bags of 18 tube strips and 18 cap strips

reference	type	pcs/pack	price/pack kr
PCRS-QR4-252	natural colour, for Rotor-Gene Q	14 x 18	942

SEALING MEMBRANES FOR PCR/qPCR

Adhesive sealing membranes for 96-well plates. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Evaporation rate below 5%. Temperature range from -40 °C to +120 °C

reference	type	pcs/pack	price/pack kr
PCRF-PCR-100	adhesive, for PCR plates	100	669
PCRF-QPC-100	adhesive, for qPCR plates	100	1024
PCRF-QPP-100	pressure-sensitive, for qPCR plates	100	1351
PCRF-ALU-100	adhesive, aluminium membrane for storage or PCR	100	805

SILICONE MAT FOR PCR/qPCR PLATES

Human DNA, DNase, RNase and PCR-inhibitors free. “+” openings in each well position

reference	type	pcs/pack	price/pack kr
PCRF-ABI-010	for 96-well plates	10	840
PCRF-AB3-010	for 384-well plates	10	840

THERMOCYCLER, TC1000

DLAB

Used to amplify DNA and RNA samples via the polymerase chain reaction and for other temperature-sensitive reactions. Aluminum block capacity (included): 96 x 0,2 ml PCR tubes, 96 well plate or 8 and 12 PCR tube strips. Heating temperature range: 4-105°C. Lid temperature range: 30-110°C. Temperature display resolution: ±0,1°C. Temperature control accuracy [at 55°C]: ±0,3°C. Temperature uniformity [at 55°C]: <0,3°C.
Max heating/cooling rate: 3°C/sec. Intuitive LCD touch screen for real time monitoring of experimental temperature. Six high-performance Peltier structures for temperature control accuracy. Superior temperature control system with two options: programming the block temperature or programming the estimated temperature inside the tube. Adjustable thermal lid with anti-sample evaporation function. Power-ON self-test function for quick internal diagnosis. Power off protection with automatic program recovery. User defined file system: max. 30 segments of 99 cycles, max. 16 folders and 16 files in each folder. Hot lid automatic shut-off function if module temperature is lower than 30°C. Compatible with most universal PCR tubes and 96-well PCR plates.
Dimensions: 280 x 370 x 250 mm. 200-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
THCY-1KS-001	DLAB TC1000-S model	1	48006
THCY-1KG-001	DLAB TC1000-G model, with gradient	1	50341

SPIN COLUMN FOR NUCLEIC ACIDS

BRANCHIA

Designed for rapid purification of nucleic acids. Silica membrane that can reversibly select and effectively bind nucleic acids. The purified product can be used for the common assays such as restriction enzyme digestion, PCR, sequencing, in vitro transcription and cloning. Compatible with Qiagen and Invitrogen buffer solutions. Binding ability 45-50 µg with a size fragment of 65 bp – 10 kbp. Autoclavable

reference	type	pcs/pack	price/pack kr
SPIN-DNG-100	for DNA	100	710
SPIN-RNA-100	for RNA	100	710
SPIN-DNP-100	for plasmid DNA	100	710

ZERO DNA SOLUTION FOR CLEANING CONTAMINATING DNA AND RNA PARTICLES *SEE P. 345*

MICROTITER TUBE STRIPS

astiK's

Ideal for a wide range of applications, such as immunoassays, agglutination, colorimetric assays, etc. PS material with optical transparency. Dimensions conform to ANSI/SBS microplate standard, compatible with standard and automated equipment. Sterilized by gamma irradiation. Free sterilization certificate available on the website

reference	description	pcs/pack	price/pack kr
MICP-008-060	8-well strip, flat-shape bottom	60	512
MICP-CAP-010	lid for 96 wells	10	120
MICP-FRA-010	frame for strips up to 96 wells	10	160

COMPATIBILITY CHART FOR PCR / qPCR ASTIK'S STRIPS

	Microtube strips					
	PCRS-8C1-120	PCRS-8U1-120	PCRS-8W1-120	PCRS-8C2-120	PCRS-8W2-120	PCRS-QR4-252
ABI						
7000				•		
7300				•		
7500				•		
7500Fast	•					
Stepone	•					
Stepone Plus	•					
ViiA7 Fast	•					
Vii7				•		
7900				•		
7900 fast	•					
Quantstudio 3 (0,1ml)	•					
Quantstudio 5 (0,1ml)	•					
Quantstudio 6 (0,1ml)	•					
Quantstudio 6 pro (0,1ml)	•					
Quantstudio 7 (0,1ml)	•					
Quantstudio 7 pro (0,1ml)	•					
Quantstudio 12K (0,1ml)	•					
3130, 3130XL (0,1ml)	•					
3500, 3500XL (0,1ml)	•					
3730, 3730XL(0,1ml)	•					
3130xl				•		
3500xl				•		
3730xl				•		
seqstudio genetic analyzer				•		
Bio-Rad						
CFX96		•	•			
CFX96 connect		•	•			
CFX Opus 96		•	•			
CFX Opus 384						
Roche						
LightCycler 96			•			
LightCycler 480I & 480II			•			
Analytik Jena						
qTOWER G			•		•	
qTOWER G touch			•		•	
qTOWER 84						
Qiagen						
Rotor-GeneQ						•
QIAquant			•		•	
Stratagene						
AriaMx	•					
Mx3005PM, Mx3000P	•					

Visit our website www.labbox.eu to check the complete table

COMPATIBILITY CHART FOR PCR / qPCR ASTIK'S PLATES

	96-well plates					384-well plates	
	PCRL-N96-100	PCRL-Q96-100	PCRL-L96-100	PCRL-P96-100R	PCRL-W96-100	PCRL-384-100	PCRL-W38-100
ABI							
7000	•						
7300	•						
7500	•						
7500Fast			•				
StepOne Plus			•				
ViiA7 Fast				•			
ViiA7	•	•					
Vii7 (384 well)						•	
7900	•	•					
7900 fast			•	•			
7900 (384 well)						•	
Quantstudio 3 (0,1ml)			•	•			
Quantstudio 5 (0,1ml)			•	•			
Quantstudio 6 (0,1ml)			•	•			
3130, 3130XL (0,1ml)			•	•			
3500, 3500XL (0,1ml)			•	•			
3730, 3730XL(0,1ml)			•	•			
3130xl (0,2ml)	•	•					
3500xl (0,2ml)	•	•					
3730xl (0,2ml)	•	•					
3130xl (384 well)						•	
3500xl (384 well)						•	
3730xl (384 well)						•	
seqstudio genetic analyzer	•	•					
Bio-Rad							
CFX96				•	•		
CFX96 connect				•	•		
CFX Opus 96				•	•		
CFX Opus 384						•	•
Roche							
LightCycler 96					•		
LightCycler 480I & 480II					•		
LightCycler 480I & 480II (384 well)							•
Analytik Jena							
qTOWER G					•		
qTOWER G touch					•		
qTOWER 84							•
Qiagen							
QIAquant					•		
Stratagene							
AriaMx				•			
Mx3005PM, Mx3000P				•			

Visit our website www.labbox.eu to check the complete table

MICROTITER PLATES

96-well plates available with different bottom shapes. Ideal for a wide range of applications, such as immunoassays, agglutination, colorimetric assays, etc. PS material with optical transparency. Alpha-Numeric codes for easy identification. Dimensions conform to ANSI/SBS microplate standard, compatible with standard and automated equipment. Individual packaging that includes sterile lids. Sterilized by gamma irradiation. Free sterilization certificate available on the website

reference	description	pcs/pack	price/pack kr
MICP-00U-100	PS, U-shape bottom	100	1038
MICP-00V-100	PS, V-shape bottom	100	1038
MICP-00F-100	PS, flat-shape bottom	100	1038

HORIZONTAL ELECTROPHORESIS SYSTEM

Used for the separation of DNA and RNA molecules in agarose gels. High quality acrylic material manufactured in one piece with transparent cover. The power cables are fixed to the cover with banana-type plug. Auto-switch off function in case of removing the lid. Includes; gel caster, gel trays and set of combs

reference	dimensions (mm)	capacity	gel dimensions (mm)	pcs/pack	price/pack kr
ELFH-400-001	365 x 105 x 55	400 ml	78 x 100	1	5614
ELFH-550-001	300 x 165 x 75	550 ml	60 x 60, 120 x 60, 120 x 120	1	7630
ELFH-1K8-001	397 x 230 x 93	1800 ml	200 x 200, 200 x 150, 200 x 100	1	13539

VERTICAL ELECTROPHORESIS SYSTEM

Used for the separation of molecules in polyacrylamide gels (PAGE). High quality acrylic material manufactured in one piece. The power cables are fixed to the cover with banana-type plug. Auto-switch off function in case of removing the lid. Includes all the necessary components; tank, combs, glass plates, spacers

reference	dimensions (mm)	capacity	gel dimensions (mm)	pcs/pack	price/pack kr
ELFV-750-001	150 x 120 x 115	750 ml	82 x 88	1	12401

TRANSFER TANK

Used for the transfer of proteins from polyacrylamide gels. Colour code to ensure correct orientation of the gel during transfer. Includes 2 polycarbonate cassettes with perforated plates and 4 pads. Compatible with ELFV-750-001

reference	dimensions (mm)	description	pcs/pack	price/pack kr
ELFT-001-001	139 x 55 x 105	transference area 100 x 100 mm	1	6751

POWER SUPPLY FOR ELECTROPHORESIS

LCD screen and easy-to-use control panel. Programmable time function. Automatic detection of overload, lack of load, short circuit, rapid change of resistance and overheating of the system

reference	dimensions (mm)	output intensity	output power	output voltage	pcs/pack	price/pack kr
ELFP-300-001	230 x 237 x 118	5 - 300 V	1 - 400 mA	1 - 120 W	1	13539
ELFP-600-001	230 x 237 x 118	5 - 600 V	1 - 500 mA	1 - 300 W	1	18052

REAGENTS AND KITS FOR MOLECULAR BIOLOGY

x-VITA TAQ POLYMERASE

The *x-VITA* Taq DNA Polymerase is a thermostable recombinant enzyme produced in an E. coli strain, which carries the cloned pol gene from *Thermus aquaticus*. The enzyme has 5' to 3' polymerase activity

reference	description	package	price/pack kr
TAQP-S05-001	5U/µl, 250 rxn	500 U	640

x-VITA MASTERMIX FOR PCR (2X)

The *x-VITA* MasterMix is an optimized ready-to-use MasterMix that contains all PCR reaction components: dNTPs, PCR buffer, Mg^{2+} and Taq DNA polymerase

reference	description	package	price/pack kr
TAQM-S02-001	primers and template not included, 250 rxn	2 x 1,25 ml	1440

x-VITA HOT START TAQ POLYMERASE

Specific, highly efficient and sensitive HotStart DNA Polymerase designed to minimize unspecific amplification, improving PCR specificity. It is bound to a proprietary antibody that blocks polymerase activity until a denaturation step occurs. The heat-labile antibodies are rapidly inactivated by raising the temperature. This minimizes primer-dimer and non-specific products. Before enzyme activation none of the enzyme activities are detectable

reference	description	package	price/pack kr
TAQP-H01-001	Hot Start, 5 U/µl, 250 rxn	500 U	1202

x-VITA HOT START TAQ POLYMERASE MASTERMIX

x-VITA Hot Start Taq Polymerase MasterMix (2x) is an optimized ready-to-use solution containing *x-VITA* Hot Start Taq Polymerase (TAQP-H01-001), dNTPs, $MgCl_2$ and stabilizers. It is inactive at Room Temperature and includes all material needed except Template and Primers

reference	description	package	price/pack kr
TAQM-H01-001	primers and template not included, 250 rxn	2 x 1,25 ml	1113

x-VITA GREEN-TAQ POLYMERASE

x-VITA Green-Taq Polymerase is a pure, versatile and thermostable recombinant enzyme produced in an *E. coli* strain, which carries the cloned pol gene from *Thermus aquaticus*. The 10x Green Buffer contains an Agarose Loading Buffer including two tracking dyes (blue and yellow dye) for visual tracking of DNA migration and a dense compound to facilitate the drop-down of the samples into the well Agarose gels. Blue dye (migrates with 3 to 5 kb DNA fragments in 1% agarose gel) and Yellow dye (migrates faster than 10 bp DNA fragments in 1% Agarose gel). Includes 100 µL of *x-VITA* Green-Taq Polymerase and 2 x 1,25 mL of Green Buffer (10x) with 20 mM MgCl2

reference	description	package	price/pack kr
TAQP-SG5-001	green buffer, 5 U/µl	500 U	927

x-VITA TAQ POLYMERASE PROOFREADING

Derived from the hyperthermophilic archaeon *Pyrococcus furiosus*, it possesses superior thermostability and error correction properties (3' to 5' exonuclease activity), allowing it to correct nucleotide misincorporation errors. PCR products result in blunt ends, which are ideal for cloning into vectors. Elongation rate of 1 kb/min (70-75°C)

reference	description	package	price/pack kr
TAQP-PF1-001	2,5U/µl, 125 rxn	250 U	562

x-VITA MASTERMIX FOR PCR PROOFREADING (2X)

The *x-VITA* MasterMix is an optimized ready-to-use MasterMix that contains all PCR reaction components: dNTPs, PCR buffer, Mg^{2+} and Taq DNA polymerase proofreading

reference	description	package	price/pack kr
TAQM-PF1-001	primers and template not included, 100 rxn	1 ml	767

x-VITA TAQ POLYMERASE FOR LONG FRAGMENTS

A specially formulated solution designed to amplify long DNA fragments. It combines two thermostable DNA polymerases, the standard Taq *x-VITA* and the proofreading *x-VITA*. It can amplify long DNA chains, such as the λ phage genome, of up to 20 kb. It's also a superior choice for amplifying complex templates, particularly those with a high GC content. The elongation rate is 3 kb/min. The generated products consist of a mixture of 3'-dA overhang and blunt-end products, which can be used in TA cloning

reference	description	package	price/pack kr
TAQP-LT1-001	2,5U/µl, 125 rxn	250 U	809

x-VITA MASTERMIX FOR LONG FRAGMENT PCR (2X)

The *x-VITA* MasterMix is an optimized ready-to-use MasterMix that contains all PCR reaction components: dNTPs, PCR buffer, Mg2+ and Taq DNA polymerase for long fragments

reference	description	package	price/pack kr
TAQM-LT1-001	primers and template not included, 100 rxn	1 ml	750

x-VITA dNTP MIX

The *x-VITA* dNTP Mix offers high purity and stability for PCR assays. The ready-to-use solution includes each dNTP (dATP, dCTP, dGTP, dTTP) mixed at final concentration of 10 mM or 40 mM

reference	description	package	price/pack kr
DNTP-025-001	2,5 mM each nt, 10 mM total	1 ml	390
DNTP-040-001	10 mM each nt, 40 mM total	1 ml	600

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

x-VITA PCR ENHANCER

PCR supplement that enhances sensitivity, leading to enhanced PCR effectiveness and decreased background noise. Especially beneficial for challenging templates (e.g., those rich in GC content) and intricate reactions

reference	description	package	price/pack kr
PCRE-GC1-001	ready-to-use mix	500 µl	426

qLUMEN MASTERMIX FOR qPCR (2X) WITH PROBE

The qLUMEN Probe MasterMix offers exceptional performance for real-time PCR. It is based on the TaqMan® Probe-based analysis. Includes all the components required for running qPCR reactions except for primers and template

reference	description	package	price/pack kr
QPCR-PHR-001	high ROX™, 100 rxn	2 x 1,25 ml	2226
QPCR-PLR-001	low ROX™, 100 rxn	2 x 1,25 ml	2226

qLUMEN MASTERMIX FOR qPCR (2X) WITH GREEN DYE

The qLUMEN MasterMix with green dye offers exceptional performance for real-time PCR using an analogue green fluorescent dye to SYBR® Green. Includes all the components required for running qPCR reactions except for primers and template

reference	description	package	price/pack kr
QPCR-GHR-001	high ROX™, 100 rxn	2 x 1,25 ml	2226
QPCR-GLR-001	low ROX™, 100 rxn	2 x 1,25 ml	2226
QPCR-GWR-001	w/o ROX™, 100 rxn	2 x 1,25 ml	2226

qLUMEN ONE-STEP RT-qPCR KIT WITH PROBE

The qLUMEN RT-qPCR Kit with probe offers exceptional performance in cDNA Synthesis and qPCR in a single tube. The kit includes a MasterMix supplied in a 2x concentration to perform Real-Time PCR and is compatible with most probe technologies. It also includes a RT mix that comprises a balanced mixture of both RTase and RNase inhibitors

reference	description	n° tests / sales unit	price/pack kr
RPCR-KPH-100	high ROX™	100	3376
RPCR-KPL-100	low ROX™	100	3256

qLUMEN ONE-STEP RT-qPCR KIT WITH GREEN DYE

The qLUMEN RT-qPCR Kit with green dye offers exceptional performance in cDNA Synthesis and qPCR in a single tube. The kit includes a MasterMix supplied in a 2x concentration to perform Real-Time PCR using a proprietary green dye. It also includes a RT mix that comprises a balanced mixture of both RTase and RNase inhibitors

reference	description	n° tests / sales unit	price/pack kr
RPCR-KGH-100	high ROX™	100	3256
RPCR-KGL-100	low ROX™	100	3376

x-VITA 2X ONE-STEP RT-PCR MIX

For one-step reverse transcription and PCR applications with gene-specific primers (GSP) for RNA targets. It is formulated with optimized components and buffers to enable reverse transcription and amplification in a single reaction tube. Supplied at a 2X concentration, it's easy to use, requiring only the addition of GSP and RNA template, without the need to open caps or perform additional pipetting operations, saving time and effectively reducing the risk of contamination

reference	description	n° tests / sales unit	price/pack kr
RPCR-K01-050	primers and template not included, 50 rxn	1,25 ml	4685

dNEAT PCR PURIFICATION KIT

The dNEAT PCR Purification Kit provides a highly efficient method to isolate and purify DNA from amplicons of reaction mixtures. The columns contain a membrane that allows DNA binding in presence of chaotropic salts and the removal of contaminants. The kit contains: Buffer A1, buffer A2, Washing solution and 50 columns

reference	description	n° tests / sales unit	price/pack kr
PURK-PCR-050	PCR DNA purification	50	1106

dNEAT AGAROSE PURIFICATION KIT

The dNEAT Agarose Purification Kit provides a highly efficient method to extract DNA from agarose gels. The columns contain a silica membrane that allows the binding of the DNA fragment in presence of chaotropic salts. The kit contains: Buffer A1, buffer A2, Washing solution and 50 columns

reference	description	n° tests / sales unit	price/pack kr
PURK-AGA-050	agarose gel DNA purification	50	1150

dNEAT PLASMID PURIFICATION KIT

dNEAT Plasmid Purification Kit provides a highly efficient and reliable method to isolate plasmid preparations in mini format. The columns' silica membrane allows the binding of up to 24 µg of DNA

reference	description	n° tests / sales unit	price/pack kr
PURK-MIN-050	isolation of plasmid minipreparations	50	1150

dNEAT SALIVA DNA EXTRACTION MINI SPIN KIT

Reliable, easy and rapid Mini Spin Kit for the purification of high-quality DNA from human and animal sample saliva. The kit is based in the DNA ability to bind silica in the presence of high concentrations of chaotropic salts

reference	description	n° tests / sales unit	price/pack kr
PURK-SAL-050	isolation of total DNA from human sample saliva	50	2411

dNEAT BLOOD DNA EXTRACTION KIT

Reliable, easy-to-use and rapid method for high-quality genomic DNA purification from various sources, including: whole blood, buffy coat or cultured cells. The procedure includes: lysis, protein removal, DNA precipitation, washing and hydration

reference	description	package	price/pack kr
PURK-BLD-100	for 5 or 10 ml samples	100 ml	1561

dNEAT BACTERIAL GENOMIC DNA ISOLATION KIT

This purification kit provides an accurate, easy-to use and rapid method to isolate high quality DNA from both Gram negative and Gram positive bacteria. The kit uses breakthrough technology based in the ability to bind silica in the presence of high concentrations of chaotropic salts as guanidinium thiocyanate. The extraction process uses comfortable MiniSpin Columns and includes an initial cell-wall lysis step with the appropriate enzyme to ensure efficient cell lysis and DNA release from the cell

reference	description	n° tests / sales unit	price/pack kr
PURK-BAC-050	bacterial DNA isolation from cell pellets	50	1685

rNEAT TISSUE TOTAL RNA PURIFICATION KIT

The rNEAT Tissue Total RNA Purification Kit provides a rapid and efficient method to isolate and purifiy RNA from tissue and culture cells. The columns contain a membrane that allows RNA binding in presence of chaotropic salts and the removal of contaminants. Tissue samples can be homogenized in a microcentrifuge tube using the provided micropestle

reference	description	n° tests / sales unit	price/pack kr
PURK-RNA-050	RNA purification from tissue samples	50	3605

rNEAT VIRAL RNA EXTRACTION KIT

Designed for the rapid purification of viral RNA from cell-free samples such as serum, plasma, urine, cell free body fluids, cell culture supernatants and rinse liquid from swabs samples. Viral RNA molecules bind to the silica-based media and impurities such as proteins and nucleases are removed by thorough washing with Wash Buffer. The RNA is then eluted in sterile, RNase free water. The isolated Viral RNA is ready-to-use and should be stored at -70°C. The procedure can be used for isolation of viral RNA from a broad range of viruses. However, performance cannot be guaranteed for every virus species and must be validated by the customer. The amount of purified viral RNA depends on the sample type, the virus titer, sample source, transport, storage, and age. The Kit also includes carrier RNA that improves binding and recovery of low-concentrated viral RNA

reference	description	n° tests / sales unit	price/pack kr
PURK-RNV-100	the purified RNA is suitable for RT-PCR and qRT-PCR	100	6020

PROTEINASE K

Proteinase K isolated from *Tritirachium album* is used for protease digestion during DNA and RNA preparation. It is a serine protease that exhibits broad cleavage specificity. With a molecular weight of 28.900 kD, it cleaves peptide bonds adjacent to the carboxylic group of aliphatic and aromatic amino acids. It is not inactivated by chelating reagents such as EDTA or detergents such as SDS and is active in a wide range of pH (4 - 12,5)

reference	description	package	price/pack kr
PRTK-L01-100	lyophilized powder, ≥30 units/mg protein	100 mg	1484
PRTK-S01-001	in solution, 20 mg/ml (20 µg/µl)	1 ml	426

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GRADES, FAMILIES and PACKAGING information on p. 352

RNase INHIBITOR

RNase Inhibitor is a recombinant protein which specifically inhibits Ribonucleases A, B and C. The protein inhibits RNases by binding noncovalently in a 1:1 ratio with a potent affinity (ki >10-14 M). RNase inhibitor protein is purified from E.coli strain harbouring a plasmid with cloned gene coding of mammalian RNase inhibitor

reference	description	package	price/pack kr
RNIN-001-2K5	free of DNA exo- and endonuclease	2500 U	1666

innoQ DNA STAIN FOR ELECTROPHORESIS

The innoQ Green DNA Gel Stain replaces toxic Ethidium Bromide (EtBr) for the visualization of double stranded DNA, single-stranded DNA, and RNA in Agarose and Polyacrylamide Electrophoresis Gel

reference	description	package	price/pack kr
GDYE-001-500	non-toxic, 20000X	500 µl	1280

OXGEN DNA MOLECULAR WEIGHT MARKER

OXGEN DNA molecular weight markers are precise and highly stable, suitable for sizing DNA. They contain loading dyes with one or two migration visualisation dyes

reference	description	package	price/pack kr
LADD-DN1-500	25 - 700 bp, 10 bands	500 µl	560
LADD-DN4-500	100 bp - 1 kb, 10 bands	500 µl	509
LADD-DN5-500	100 bp - 1,5 kb, 11 bands	500 µl	509
LADD-DN2-500	100 bp - 2 kb, 13 bands	500 µl	560
LADD-DN3-500	500 bp - 10 kb, 11 bands	500 µl	560

OXGEN LOADING BUFFER (6X)

Pre-mixed loading buffer with tracking dyes for non-denaturing agarose and polyacrylamide gel electrophoresis. Dyes used include xylene cyanol, orange G, and bromophenol blue. Comes in 5 tubes, each containing 1 ml

reference	description	package	price/pack kr
LDBF-00B-005	bromophenol blue	5 x 1 ml	213
LDBF-00N-005	xylene cyanol and orange G	5 x 1 ml	213
LDBF-003-005	3 dyes	5 x 1 ml	213

LAMBDA DNA HINDIII MARKER

The Hind III digest of lambda DNA yields 8 fragments suitable for use as molecular weight standards for agarose gel electrophoresis. λ DNA /Hind III is pre-mixed with loading buffer

reference	description	package	price/pack kr
LMBD-H03-050	ready-to-use	50 mg	554

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

XTT CELL PROLIFERATION ASSAY KIT

The XTT Cell Proliferation Assay Kit is an optimized, accurate and sensitive colorimetric assay that detects the cellular metabolic activities. The viable cells reduce the salts to the highly coloured formazan dye

reference	description	n° tests / sales unit	price/pack kr
XTTC-001-500	colorimetric detection	500	2321

LUCIFERASE REPORTER ASSAY KIT

The Luciferase Reporter Assay Kit is an accurate and easy method for studying gene reporter regulation and function in transformed cell lines. The method consists of the oxidation of the luciferin by the enzyme. The kit contains: coenzyme A, ATP and luciferin

reference	description	n° tests / sales unit	price/pack kr
LUCI-001-100	from *Photinus pyralis*	100	1520

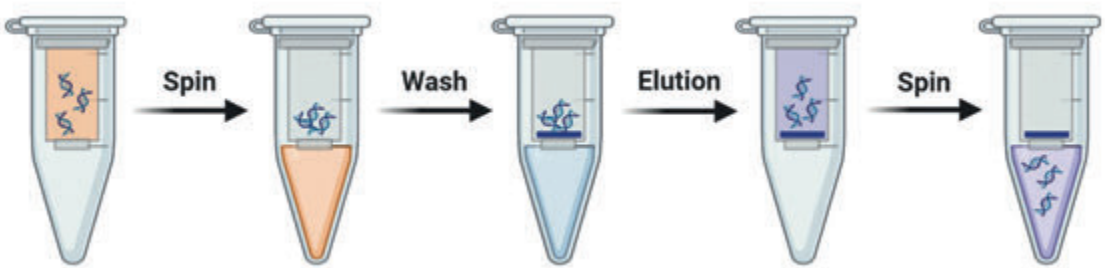
RESAZURIN CELL VIABILITY ASSAY

The Resazurin Cell Viability Assay is a ready-to-use fluorescent assay that detects cellular metabolic activity. Resazurin is a blue non-fluorescent dye until it is reduced by metabolically active cells. When reduced it becomes fluorescent pink

reference	description	n° tests / sales unit	price/pack kr
RESC-001-2K5	fluorescence assay	2500	2321

GQUENCE EXTRACTION AND PURIFICATION KITS

The dNEAT and rNEAT kits for isolating nucleic acids are based on the spin column method. This method is widely used in many nucleic acid purification kits and is very common in research and other laboratory fields. The main principle relies on nucleic acid binding to a solid surface, such as silica gel. Once the cellular lysate is eluted, addition of buffers with varying conditions, such as in pH or salt concentration, facilitate nucleic acid binding and removal of unwanted particles. Therefore, the obtained sample is purified thus ready to use in any downstream application, such as PCR, qPCR, NGS, Cloning, among others.



PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

ACRYLAMIDE

labkem

MW: 71.08 CAS: 79-06-1 EC: 201-173-7 EC INDEX: 616-003-00-0 UN: 2074 TARIC code: 29241900

$H_2C=CHCONH_2$

IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074

ACRYLAMIDE GEN FOR ELECTROPHORESIS		reference	packaging		price kr
Assay > 99.9% Insol. matter < 0.05%	Acryl. acid < 0.001% H_2O < 0.1%	ACAD-00B-1K0	P	1 kg	1376

AGAROSE

labkem

CAS: 9012-36-6 EC: 232-658-1 TARIC code: 13023100

AGAROSE D1 LOW EEO (ELECTROENDOSMOSIS) GEN			reference	packaging		price kr
App. White cream powder Moisture < 7% pH solution 6.5 - 7.0 pH gel 6.5 - 7.0 Ash < 0.4% colour. (1.5%,450nm) < 0.03 Turb. (1.5%) < 3NTU	Gel str. 1.5% > 2500g/cm Gel strength 1% > 1200g/cm SO_4 < 0.1% Gel point (1.5%) 34.5 - 37.5°C Melt. range (1.5%) 86.5 - 89.5°C EEO 0.05 - 0.13	Applications: DNA typing, Blotting. Anal. and prep. gel electroph. for nucl ac. > 1000bp Storage temp. 2 - 25°C	AGAR-D1L-500	P	500 g	4153
AGAROSE E GEN			reference	packaging		price kr
Ash < 0.45% SO_4 < 0.15% Gel strength 1% > 1000g/cm_2 Turb. (1.5%) < 4NTU	Gel str. 1.5% > 2000g/cm_2 Gel point (1.5%): 34.5 - 37.5°C Melt. range (1.5%): 86.5 - 89.5°C	Applications: Blotting Sep. of nucl. ac. from 250bp to 23kb Storage temp.: 2 - 25°C	AGAR-E00-500	P	500 g	3344
AGAROSE LM-SIEVE GEN			reference	packaging		price kr
App.: White cream powder Turb. (4%) < 8.00NTU Moisture < 7% pH solution: 6.85 - 7.15 pH gel: 6.85 - 7.15 Ash < 0.3% Colour. (4%, 450nm) < 0.06	Gel str. 4% > 1000g/cm SO_4 < 0.12% Gel point (4%) < 35°C Melt. point (4%) < 65°C Anal. Separ. < 1000bp EEO < 0.1	Applications: Preparative electrophoresis, Fine resolution, In-gel applications. Storage temp.: 2 - 25°C	AGAR-LMS-100	P	100 g	4479
AGAROSE MS-4 GEN			reference	packaging		price kr
App.: White cream powder Transp. (3%) < 6NTU Moisture < 7% pH solution: 6.4 - 6.8 pH gel: 6.4 - 6.8 Ash < 0.3% Colour. (450nm) < 0.04	Gel strength (3%) > 500g/cm SO_4 < 0.11% Gel str. (5%) > 1000g/cm Gel point (3%) < 31°C Melt. point (3%) < 76°C Anal. Separ. < 1000bp EEO < 0.12	Applications: Fine resolution, Protein electrophoresis. Storage temp.: 2 - 25°C	AGAR-MS4-100	P	100 g	4217

DIMETHYL SULFOXIDE

labkem

MW: 78.13 CAS: 67-68-5 EC: 200-664-3 TARIC code: 29309098

$(CH_3)_2SO$

IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074

DIMETHYL SULFOXIDE GEN FOR CELL BIOLOGY				reference	packaging		price kr
Assay > 99.5% Free Acid < 0.001% Non-Vol. Mat. < 0.001% Phosphorous(P) < 0.00001%	Si < 0.00002% H_2O < 0.1% Ca < 0.0001% Cu < 0.00005%	Fe < 0.0001% K < 0.00005% Mg < 0.00005% Na < 0.0002%	Pb < 0.00002% Zn < 0.00002%	DMSO-00B-100	G	100 ml	692

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

EDTA - ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT DIHYDRATE

labkem

MW: 372.24 CAS: 6381-92-6 EC: 205-358-3 TARIC code: 29224985

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074

EDTA - ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT DIHYDRATE GEN		reference	packaging		price kr
DNases/RNases/Proteases free pass test Assay > 99.5% pH (5%, 25°C) 4 - 5 Loss on dry. < 10.0% Cl^- < 0.005% SO_4 < 0.01%	As < 0.0005% Cu < 0.001% Fe < 0.001% Pb < 0.001%	EDTA-00B-500	P	500 g	1020

FICOLL® 400

labkem

MW: 400000 CAS: 26873-85-8 TARIC code: 39079190

FICOLL® 400 GEN		reference	packaging		price kr
DNases/RNases/Proteases free	App. White to off-white	FCOL-00B-010	P	10 g	1002

GLYCINE

labkem

MW: 75.06 CAS: 56-40-6 EC: 200-272-2 TARIC code: 29224985

H_2NCH_2COOH

GLYCINE GEN FOR ELECTROPHORESIS AND MOLECULAR BIOLOGY			reference	packaging		price kr
DNases/RNases/Proteases free Assay > 99.5% pH 5.9 - 6.4 Loss on dry. < 0.1%	Other (Amino-ac.) < 0.1% NH_4 < 0.02% Cl^- < 0.004% SO_4 < 0.005%	As < 0.0001% Fe < 0.0005% Pb < 0.0005%	GLIC-00B-1K0	P	1 kg	1414

IPTG

labkem

MW: 238.3 CAS: 367-93-1 TARIC code: 38229000

$C_9H_{18}O_5S$

IPTG GEN		reference	packaging		price kr
Purity (HPLC)(on dry basis): >99.0% Melting point: 110 – 114 °C Identity (IR): conforms to structure Solubility: soluble in water and methanol	Heavy metals (Pb): <5ppm 1,4-Dioxane: Not detected pH (5% in water): 5.0 – 7.0 Water content (Karl Fischer): <1.0%	IPTG-005-001	G	5 g	960

LB (LENNOX) AGAR

labkem

TARIC code: 13023100

LB (LENNOX) AGAR GEN			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App. Amber slight.opalesc. pH (25°C) 6.8 - 7.2 Conc. of use 35g/L	Preparation: Dissolve 35 gr on 1 L with heat and boil for 1 min until complete dissolution. Sterilize at 121°C for 15 min, cool to 45-50°C, mix well and dispense into plates.	Once open. avoid hydr. Storage temp. 2 - 25°C	AGLB-00P-500	P	500 g	989

LB (LENNOX) BROTH

labkem

TARIC code: 13023100

LB (LENNOX) BROTH GEN		reference	packaging		price kr
Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App. clear amber pH (25°C) 6.8 - 7.2 Conc. of use 20g/L	Preparation: Dissolve 20 gr on 1 L with heat until complete dissol. Steril. 121°C for 15 min. Once open. avoid hydr. Storage temp. 2 - 25°C	LBBR-00P-500	P	500 g	761

LBZOL REAGENT

labkem

CAS: 593-84-0 TARIC code: 38229000

IMDG: 6.1 II UN 2810 ADR: 6.1 II UN 2810 IATA: 6.1 II UN 2810

LBZOL REAGENT GEN	reference	packaging		price kr
Used in the extraction of DNA, RNA, and proteins. Contains guanidium thiocyanate	TZOL-001-100	G	100 ml	1760

LB (MILLER) AGAR

labkem

TARIC code: 13023100

LURIA AGAR (MILLER'S LB AGAR) GEN		reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.Amber slight.opalesc. pH (25°C) 6.8 - 7.2 Conc. of use 40g/L Preparation:	Diss. 40 gr in 1 L of water w/heat and boil for 1 min until complete dissol. Sterilize at 121°C for 15 min, cool to 45-50°C, mix well and dispense into plates. Once open. avoid hydration Storage temp. 2 - 25°C	AGLU-00P-500	P	500 g	903

LB (MILLER) BROTH

labkem

TARIC code: 13023100

LURIA BROTH (MILLER'S LB BROTH) GEN		reference	packaging		price kr
Homogeneous, free flowingand light-Beige. If any changes physically, discard product. App. clear amber pH (25°C) 6.8 - 7.2 Conc. of use 25g/L Preparation:	Dissolve 25 gr on 1 L with heat until complete dissol. Steril. 121°C for 15 min. Once open. avoid hydration Storage temp. 2 - 25°C	LUBR-00P-500	P	500 g	671

MAGNESIUM CHLORIDE HEXAHYDRATE

labkem

MW: 203.3 CAS: 7791-18-6 EC: 232-094-6 TARIC code: 28273100

$MgCl_2 \cdot 6H_2O$

MAGNESIUM CHLORIDE HEXAHYDRATE GEN FOR MOLECULAR BIOLOGY			reference	packaging		price kr
DNases/RNases/Proteases free Assay > 99.0% Loss on dry. < 1%	SO_4 < 0.01% As < 0.005% Ca < 0.01%	Fe < 0.005 Na < 0.2	MGCH-06B-500	P	500 g	692

PONCEAU S RED SOLUTION

labkem

TARIC code: 38220000

PONCEAU S RED SOLUTION GEN FOR MOLECULAR BIOLOGY			reference	packaging		price kr
DNases/RNases/Proteases free Assay > 99.0% Loss on dry. < 1%	SO_4 < 0.01% As < 0.005% Ca < 0.01%	Fe < 0.005 Na < 0.2	PONC-S0B-250	P	250 ml	1155

TERRIFIC BROTH

labkem

TARIC code: 13023100

TERRIFIC BROTH GEN		reference	packaging		price kr
Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App. amber pH (25°C) 7.0 - 7.4 Preparation:	Suspend 50.8 gr in 900ml, add 4ml of glycerol and adjust to 1 L. Sterilize at 121°C for 15 min. Once open. avoid hydration Storage temp. 2 - 25°C	TEBR-00P-500	P	500 g	763

TRIS-ACETATE-EDTA-BUFFER PH 8.5 (50X)

labkem

TARIC code: 38229000

TRIS-ACETATE-EDTA-BUFFER PH 8.5 (50X) GEN	reference	packaging		price kr
Composition TRIS 2.0 mol/l EDTA 0.05 mol/l HAc 1 mol/l in	TAEB-085-1K0	P	1 L	1217

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

TRIS-BORATE-EDTA-BUFFER PH 8.3 (10X)

labkem

TARIC code: 38229000

TRIS-BORATE-EDTA-BUFFER PH 8.3 (10X) GEN	reference	packaging		price kr
Composition TRIS 1.0 mol/l EDTA 0.02 mol/l H_3BO_3 1.0	TBEB-083-1K0	P	1 L	649

TRIS (HYDROXYMETHYL) AMINOMETHANE

labkem

CAS: 77-86-1 MW: 121,14 EC: 201-064-4 TARIC code: 29221900

$NH_2C(CH_2OH)_3$

TRIS (HYDROXYMETHYL) AMINOMETHANE GEN			reference	packaging		price kr
Assay > 99% Melt. range 168 - 172°C	pH (5%, 20°C) 10 - 11.5 Ash (SO_4) < 0.05%	Heavy metals (Pb) < 0.0005%	TRIS-00A-250	P	250 g	1280

TWEEN® 20

labkem

MW: 1227.72 CAS: 9005-64-5 TARIC code: 34029010

TWEEN® 20 GEN FOR BIOCHEMISRY		reference	packaging		price kr
Density 1.095 - 1.105 Solub. in H_2O > 100g/l	boiling point > 100° C	TWEN-20B-100	P	100 ml	483

ULTRAPURE WATER

labkem

MW: 18.02 CAS: 7732-18-5 TARIC code: 38229000

H_2O

ULTRAPURE WATER GEN	reference	packaging		price kr
PH 5.4 - 7.0 Conductivity at 25 °C < 2.5µS/cm DNases/RNases/Proteases free	ULTW-001-005		5 x 1 ml	146
	ULTW-001-1K0	P	1 L	728

UREA

labkem

MW: 60.06 CAS: 57-13-6 EC: 200-315-5 TARIC code: 31021010

CH_4N_2O

UREA GEN FOR ELECTROPHORESIS AND MOLECULAR BIOLOGY			reference	packaging		price kr
DNases/RNases/Proteases free Assay > 99.0% pH 7.5 - 10.5	Heavy metals (Pb) < 0.001% Cl^- < 0.0005% SO_4 < 0.001%	Fe < 0.0005%	UREA-00B-100	P	100 g	468

X-GAL

labkem

MW: 408.63 CAS: 7240-90-6 TARIC code: 38229000

$C_{14}H_{15}BrClNO_6$

X-GAL GEN		reference	packaging		price kr
Assay (HPLC) > 98% w/w Purity (HPLC): > 99% Purity (TLC): single spot	Water content (Karl Fischer): <1% Identity (IR): conforms to structure Solubility (5% w/v, DMF): soluble	XGAL-001-001	G	1 g	1219

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

Disclaimer: Labkem chemical products are exclusively for use in laboratory and by instructed and experienced technicians. These chemical products may be dangerous, so please follow instructions mentioned on the Material safety data sheets.

Due to shipping restrictions or local/national regulations, all products may not be available in all countries or for some particular customers.

Ø55 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, aseptic or sterilized by irradition. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	$h_{with\ lid}$ (mm)	type	pcs/pack	price/pack kr
PDIP-06N-500	55,0	12,8	14,1	aseptic, without vents	500	741
PDIP-E6N-500	55,0	12,8	14,1	sterile, without vents	500	984
PDIP-060-500	54,4	12,7	14,0	aseptic, with 3 vents	500	741
PDIP-E60-500	54,4	12,7	14,0	sterile, with 3 vents	500	984

Ø90 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 20/23 units, aseptic or sterilized by irradition. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	$h_{with\ lid}$ (mm)	type	pcs/pack	price/pack kr
PDIP-09N-500	89,5	15,2	16,3	aseptic, without vents	500	814
PDIP-E9N-500	89,5	15,2	16,3	sterile, without vents	500	1022
PDIP-090-500	88,8	15,0	16,3	aseptic, with 3 vents	500	817
PDIP-E90-500	88,8	15,0	16,3	sterile, with 3 vents	500	1022
PDIP-091-575	88,8	12,8	14,2	aseptic, with 3 vents	575	938
PDIP-E91-575	88,8	12,8	14,2	sterile, with 3 vents	575	983

Ø90 mm POLYSTYRENE PETRI DISHES WITH 3 COMPARTMENTS

Packed in a bag of 20 units, aseptic or sterilized by irradition. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	$h_{with\ lid}$ (mm)	type	pcs/pack	price/pack kr
PDIP-093-500	88,8	15,2	16,5	aseptic, with 3 vents	500	823
PDIP-E93-500	88,8	15,2	16,5	sterile, with 3 vents	500	1031

Ø100 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, aseptic or sterilized by irradition. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	$h_{with\ lid}$ (mm)	type	pcs/pack	price/pack kr
PDIP-100-480	96,6	12,6	13,9	aseptic, with 3 vents	480	1195
PDIP-10E-480	96,6	12,6	13,9	sterile, with 3 vents	480	1293

Ø120 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, sterilized by irradition. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	$h_{with\ lid}$ (mm)	type	pcs/pack	price/pack kr
PDIP-12E-240	112,8	15,1	16,8	sterile, with 3 vents	240	2185

Ø150 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, sterilized by irradition. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	$h_{with\ lid}$ (mm)	type	pcs/pack	price/pack kr
PDIP-15E-140	144,3	17,3	19,1	sterile, with 3 vents	140	1300

astiK's

POLYSTYRENE RODAC CONTACT PLATE

Contact plate for bacterial count in test surfaces. Free sterilization certificate available on the website

reference	$Ø_{base}$ (mm)	h_{base} (mm)	h_{base} (mm)	type	pcs/pack	price/pack kr
CPLP-060-1K0	62,2	11,0	16,6	aseptic, with 3 vents	1000	2156
CPLP-E60-1K0	62,2	11,0	16,6	sterile, with 3 vents	1000	2543

astiK's

120X120 mm POLYSTYRENE PETRI DISHES

Squared petri dishes for antibiograms. Packed in bags of 10 aseptic Petri dishes

reference	l (mm)	w (mm)	h_{base} (mm)	type	pcs/pack	price/pack kr
PDIP-120-240	120	120	14	aseptic, with 4 vents	240	2247

astiK's

GLASS PETRI DISH

Made of soda-lime glass

reference	$Ø_{base}$ (mm)	h (mm)	pcs/pack	price/pack kr
PDIN-060-030	60	15	30	458
PDIN-080-036	80	15	36	549
PDIN-100-036	100	20	36	745
PDIN-150-036	150	25	36	2026

LBG

BOROSILICATE GLASS PETRI DISH

Made of borosilicate glass LBG 3.3

reference	$Ø_{base}$ (mm)	h (mm)	pcs/pack	price/pack kr
PDI3-060-012	60	15	12	250
PDI3-080-010	80	15	10	254
PDI3-100-008	100	20	8	288
PDI3-150-006	150	30	6	988

LBG

PETRI DISH CARRIER RACK

Stainless steel rack for Petri dishes of ≤ 100 mm diameter. The handle facilitates the transport of up to three parallel columns of stacked plates

reference	dimensions (mm)	description	pcs/pack	price/pack kr
SOPE-003-001	340 × 110 × 380	stainless steel, 3 columns	1	456

clink

INOCULATION LOOPS, CALIBRATED

Made of HIPS plastic. Hexagonal shaft with stripes. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
LOOH-E01-1K0	1 µl white color, sterile, 10 pcs/zip-lock pack	1000	762
LOOH-E01-500	1 µl white color, sterile, 1 pc/peel pack	500	552
LOOH-E10-1K0	10 µl dark blue color, sterile, 10 pcs/zip-lock pack	1000	762
LOOH-E10-500	10 µl dark blue color, sterile, 1 pcs/peel pack	500	552

L SPREADERS

Sterile L spreader made of polystyrene with round finishing to avoid any damage on media surface. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
SPRP-L01-1K0	L shape (angle 90°), sterile, individually wrapped	1000	2164
SPRP-L05-1K0	L shape (angle 90°), sterile, 5 pcs/bag	1000	1912

KOLLE HANDLE

Each handle is supplied with two inoculation loops (loop end 2,5 mm diameter)

reference	type	pcs/pack	price/pack kr
KOLS-200-001	200 mm length + 2 Ni-Cr inoculation loops	1	77
KOLS-290-001	290 mm length + 2 Ni-Cr inoculation loops	1	89
Accessories and spare parts			
KOLA-001-050	loop end 2,5 mm diameter	50	216
KOLA-002-050	needle end	50	216
KOLA-003-050	lancet tip end	50	344

ELECTRIC STERILIZER, S850

Designed for sterilization of laboratory equipment like needles, tweezers and other small items at high temperatures and short sterilization time (5-7 seconds). Can also be used at lower temperatures and long sterilization time to prevent contamination. Temperature range: RT +20 - +850°C. Maximum diameter of objects to sterilize: 15 mm. Adjustable angle: 45-75°. Dimensions (L x W x H): 210 x 90 x 170 mm. 220 V / 50-60 Hz. Warranty 1 year

reference	description	pcs/pack	price/pack kr
STER-850-001	electric sterilizer LBX S850 series	1	6592

HAND TALLY COUNTER

4 digits counter. Up to 9999

reference	description	pcs/pack	price/pack kr
HCNT-001-001	counter up to 9999	1	112

COLONY COUNTER, CC100

lbx

Designed to specify the number of microbial colonies present on sample plates with maximized efficiency. Four 3-digit (0-999) LED displays show the present and previous counting values. Can make an average count from multiple counting and store up to 100 averages in the memory. BACK button can deduce data when overcounting. Adjustable dish holder suitable for Petri dishes from 90-150 mm or 60 mm. Adjustable pressure sensitivity. Optional: software able to add, delete, search, print and save data in Excel format (.csv). Dimensions (mm): 351 x 302 x 370. 100-240 V / 50-60 Hz.Warranty 2 years

reference	description	pcs/pack	price/pack kr
CLCN-100-001	colony counter LBX CC100 series	1	15253
CLCN-A01-001	software for LBX CC100 series colony counter	1	1609

CULTURE TUBES WITH DUAL-POSITION CAPS

astiK's

STERILE

Dual-position PE cap; loose position for aerobic work or sealed for anaerobic cultures. Sterilized by gamma radiation. Individual peel-pack. Free sterilization certificate available on the website

reference	$Ø_{outer}$ (mm)	l (mm)	description	pcs/pack	price/pack kr
CLTU-05P-500	12	75	5 ml, without graduation, PP	500	706
CLTU-12P-500	17	100	15 ml, without graduation, PP	500	1239
CLTU-5WP-500	12	75	5 ml, with graduation, PP	500	850
CLTU-1WP-500	17	100	15 ml, with graduation, PP	500	1392
CLTU-05S-500	12	75	5 ml, without graduation, PS	500	614
CLTU-12S-500	12	100	7 ml, without graduation, PS	500	799
CLTU-15S-500	17	100	15 ml, without graduation, PS	500	1239
CLTU-5WS-500	12	75	5 ml, with graduation, PS	500	799
CLTU-1WS-500	17	100	15 ml, with graduation, PS	500	1392

MICROBIOLOGICAL MONITORS

BRANCHIA

STERILE

Ready-to-use sterile filter units ideal for microbiological control of various kinds. Made up of a base with a filter membrane, a cellulose absorbent pad underneath, a 100 ml graduated funnel and a lid. White non-welded membrane. Single use only. After filtering, its base together with the lid can be used as a Petri dish. Sterilized by gamma radiation and individually packed in an easy-open polyethylene bag. Includes 5 silicone connectors. Free sterilization certificate available on the website

reference	pore (µm)	pcs/pack	price/pack kr
MMCB-BF2-050	0,22	50	1828
MMCB-BF4-050	0,45	50	1828
MMCB-BF8-050	0,80	50	2392
MMCB-BF1-050	1,00	50	2392

BRANCHIA

MCE MEMBRANE FILTERS, STERILE

Mixed membranes of cellulose nitrate and cellulose acetate (MCE). White with black grid for better contrast and observation in microbiology applications. Sterile, individual packaging

reference	Ø (mm)	pore (µm)	pcs/pack	price/pack kr
MCNB-247-100	47	0,22	100	380
MCNB-447-100	47	0,45	100	380
MCNB-847-100	47	0,80	100	468
MCNB-250-100	50	0,22	100	404
MCNB-450-100	50	0,45	100	404

HDN ceramics

PORCELAIN SPOTTING PLATE

Glazed except for bottom surface

reference	dimensions (mm)	$Ø_{hole}$ (mm)	type	pcs/pack	price/pack kr
SPPC-006-001	94 x 62	21	6 cavities	1	33
SPPC-012-001	115 x 88	21	12 cavities	1	44

astiK's

COLORIMETRIC 3 CELL TRAY, POLYETHYLENE

Particularly useful for colorimetric tests

reference	dimensions (mm)	$Ø_{hole}$ (mm)	cell depth (mm)	pcs/pack	price/pack kr
CTYP-003-010	28 x 58	21	7	10	151

astiK's

COLORIMETRIC 8 CELL TRAY, POLYSTYRENE

Particularly useful for colorimetric tests

reference	dimensions (mm)	$Ø_{hole}$ (mm)	cell depth (mm)	pcs/pack	price/pack kr
CTYP-008-010	95 x 57	15	2	10	333

LBG

STAINING JAR, GLASS

Made of neutral glass. With lid

reference	type	pcs/pack	price/pack kr
MSSN-001-001	Coplin (A), for 5 slides	1	160
MSSN-002-001	Schieferdecker (B), for 10 slides	1	121
MSSN-003-001	Hellendahl (C), for 9 slides	1	138

astiK's

STAINING JAR, PMP

Made of polymethylpentene (PMP or TPX), includes lid. Remark: Xylene can cause etching to PMP after two days at room temperature

reference	type	pcs/pack	price/pack kr
MSSX-002-001	Schieferdecker (A), for 10 slides	1	228
MSSX-003-001	Hellendahl (B), for 8 slides	1	182

STAINING JAR, ACC. TO COPLIN, POLYPROPYLENE

astiK's

With screw lid

reference	type	pcs/pack	price/pack kr
MSSP-001-001	for 5 slides	1	62

STAINING JAR, ACC. TO HAUSSER-GEDIGK

LBG

Made of glass, with lid and stainless steel slide stand

reference	l (cm)	h (cm)	w (cm)	type	pcs/pack	price/pack kr
MSHN-030-001	10	9	10	for 30 slides	1	404
MSHN-060-001	16	9	10	for 60 slides	1	532

STAINING JAR WITH REMOVABLE RACK, PMP

astiK's

Includes jar made of polymethylpentene (PMP or TPX), staining rack made of polypropylene and two lids (one lid for when dish is not in use and one lid with special opening to allow handle of staining rack). Remark: Xylene can cause etching to PMP after two days at room temperature

reference	type	pcs/pack	price/pack kr
MSHX-020-001	for 20 slides	1	406

MICROSCOPE SLIDES *BASIC LINE*

LBG

The most economic option for education and for routine applications in veterinary medicine, urine analysis, etc. Made of clear glass - precleaned. Sizes: 25 x 75 mm and thickness 1,0-1,2 mm. Packed in carton boxes of 50 units with protective paper between each slide and every box protected by a sealed nylon cover (Tropical Pack)

reference	corners	description	pcs/pack	price/pack kr
SLIU-005-050	90°	cut edges	50	20
SLIG-005-050	45°	ground edges	50	24
SLIF-005-050	90°	ground edges, single frost	50	27
"Saving package" (50 boxes x 50 slides/box)				
SLIU-005-2K5	90°	cut edges	50 x 50	776
SLIG-005-2K5	45°	ground edges	50 x 50	967
SLIF-005-2K5	90°	ground edges, single frost	50 x 50	1097

TRANSPORT CASE FOR MICROSCOPE SLIDES

Made of polypropylene. For 25 x 75 mm slides

reference	type	pcs/pack	price/pack kr
MSMP-001-001	for 1 slide	1	11
MSMP-002-001	for 2 slides	1	14
MSMP-005-001	for 5 slides	1	32

LBG MICROSCOPE SLIDES STANDARD LINE

The best quality/price ratio for any kind of application. Made of clear glass - precleaned. Sizes: 25 x 75 mm and thickness 11,0-1,2 mm. Each slide is printed with the name “labbox” on one side. Packed in carton boxes of 50 units protected by double cellophane paper

reference	corners	description	pcs/pack	price/pack kr
SLIU-010-050	90°	cut edges	50	31
SLIG-010-050	45°	ground edges	50	44
SLIF-010-050	45°	ground edges, single frost	50	49
SLIU-D10-050	90°	cut edges, double frost	50	39
SLIF-D10-050	45°	ground edges, double frost	50	52
"Saving package" (50 boxes x 50 slides/box)				
SLIU-010-2K5	90°	cut edges	50 x 50	1232
SLIG-010-2K5	45°	ground edges	50 x 50	1762
SLIF-010-2K5	45°	ground edges, single frost	50 x 50	1937
SLIU-D10-2K5	90°	cut edges, double frost	50 x 50	1556
SLIF-D10-2K5	45°	ground edges, double frost	50 x 50	2045

LBG MICROSCOPE SLIDES *PREMIUM LINE*

Superior quality at an affordable price for routine applications in pathology, histology, cytology and more fields needing a higher quality. Made of a clear glass - precleaned, beveled edges and corners 45°. Sizes: 25 x 75 mm and thickness 1,0-1,2 mm. Each slide is printed with the name “labbox” on one side. Packed in carton boxes of 50 units protected by double cellophane paper

reference	description	pcs/pack	price/pack kr
SLIB-G10-050	plain	50	54
SLIB-F10-050	single frost	50	61
SLIB-B10-050	double frost	50	65
"Saving package" (50 boxes x 50 slides/box)			
SLIB-G10-2K5	plain	50 x 50	2115
SLIB-F10-2K5	single frost	50 x 50	2423
SLIB-B10-2K5	double frost	50 x 50	2558

MICROSCOPE SLIDE BOX

Made of polystyrene. With removable lid and numbered slots to hold microscope slides of 76 x 26 mm

reference	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack kr
MSBP-025-001	125	95	35	for 25 slides	1	41
MSBP-050-001	230	100	35	for 50 slides	1	76
MSBP-100-001	230	185	35	for 100 slides	1	137

MICROSCOPE SLIDE BOX

The transparent cover provide excellent view of the slides stored inside. Can hold 100 numbered slides of 76 x 26 mm

reference	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack kr
MSRP-100-001	250	85	90	for 100 slides	1	211

MICROSCOPE SLIDE BOX

Made of ABS plastic. Orange color. With lid fixed to the box through hinges and with cork protection base

reference	type	pcs/pack	price/pack kr
MSLP-012-001	for 12 slides	1	17
MSLP-025-001	for 25 slides	1	27
MSLP-050-001	for 50 slides	1	38
MSLP-100-001	for 100 slides	1	84

CARDBOARD SLIDE FOLDER

Suitable for storing slides. Sunken compartments and interior covers to protect samples. Compatible with 26 x 76 mm and 0.8 - 1.2 mm wide slides

reference	w (mm)	l (mm)	type	pcs/pack	price/pack kr
MSAR-002-050	76	94	for 2 slides	50	304
MSAR-003-050	110	118	for 3 slides	50	360
MSAR-004-050	110	150	for 4 slides	50	406
MSAR-010-005	120	340	for 10 slides, with index	5	192
MSAR-020-005	240	340	for 20 slides, with index	5	295
MSAR-030-005	285	340	for 30 slides, with index	5	563
MSAR-048-005	380	400	for 48 slides, with index	5	752

PP SLIDE FOLDER

Sunken compartments and interior covers to protect samples. Compatible with 26 x 76 mm and 0.8 - 1.2 mm wide slides

reference	w (mm)	l (mm)	type	pcs/pack	price/pack kr
MSAP-001-200	83,7	41	for 1 slides	200	422
MSAP-002-100	83,7	69	for 2 slides	100	287
MSAP-003-100	83,7	98	for 3 slides	100	402

MICROSCOPE SLIDE DISPENSER

Suitable for slides of 25 x 75 mm length and 1.0 - 1.2 mm thickness

reference	description	pcs/pack	price/pack kr
SLID-001-001	dispensing up to 72 slides	1	248

MICROBIOLOGY TEST TUBES

A wide variety of tubes and caps in various materials, such as plastic and glass, as well as disposable options for added convenience and practicality.

see p. 228

LBG COVER GLASS STANDARD LINE

Made of standard glass. Pre-cleaned. Packed in plastic boxes protected by a sealed aluminium cover (Tropical Pack)

reference	l (mm)	w (mm)	thickness (mm)	pcs/pack	price/pack kr
COVN-018-200	18	18	0,13-0,16	200	28
COVN-020-200	20	20	0,13-0,16	200	30
COVN-022-200	22	22	0,13-0,16	200	35
COVN-024-200	24	24	0,13-0,16	200	39
COVN-032-100	24	32	0,13-0,16	100	30
COVN-040-100	24	40	0,13-0,16	100	31
COVN-050-100	24	50	0,13-0,16	100	35
COVN-060-100	24	60	0,13-0,16	100	41
"Saving package"					
COVN-018-1K0	18	18	0,13-0,16	5 x 200	109
COVN-020-1K0	20	20	0,13-0,16	5 x 200	120
COVN-022-1K0	22	22	0,13-0,16	5 x 200	140
COVN-024-1K0	24	24	0,13-0,16	5 x 200	160
COVN-032-1K0	24	32	0,13-0,16	10 x 100	240
COVN-040-1K0	24	40	0,13-0,16	10 x 100	280
COVN-050-1K0	24	50	0,13-0,16	10 x 100	289
COVN-060-1K0	24	60	0,13-0,16	10 x 100	330

STERILITY AND ASEPSIS DIFFERENCES

Sterilization is a crucial process in various sectors, including the food industry, healthcare/pharmaceutical sector, among others. Its purpose is to eliminate any microbial load, whether pathogenic or not, from products such as micropipette tips, culture media, or cell culture products, for example. Sterilization aims to prevent cross-contamination of samples or the growth of unwanted microorganisms. Failure to sterilize products or culture media may lead to the appearance of undesired microorganisms, altering the trial conditions and invalidating the results.

Sterilization should not be confused with other laboratory material disinfection processes. When referring to sterilization, it means the complete elimination of microorganisms, including resistant forms like spores. Disinfection removes a significant portion of microorganisms on surfaces but does not eliminate their resistant forms. On the other hand, asepsis is the condition of a surface free from pathogenic microorganisms. Aseptic techniques eliminate pathogenic bacteria, viruses, fungi, and harmful spores, all detrimental to health. Sterilization does not differentiate between harmful and beneficial microorganisms; it eliminates all living microorganisms.

CULTURE MEDIA FOR MICROBIOLOGY

AGAR AGAR

labkem

CAS: 9002-18-0 EC: 232-658-1 TARIC code: 13023100

AGAR AGAR BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App. White to pale brown powder Moisture < 12% Conc. of use 1.2 - 1.6% Ash < 4.5% Absernce of inhibitors Turb. (1.5%) < 8NTU	pH (1.5%)bef.autocl. 6.0 - 7.5 pH (1.5%)aft. autocl. 6.0 - 7.5 Colour. before autocl. (450nm) < 0.25 Colour. after autocl. (450nm) < 0.30 Gel strength (Nikan) 800 - 1100g/cm Gel point (1.5%) 34 - 38°C Melt. range (1.5%) 85 - 90°C Part. size (mesh 60 ASTM) > 95%	As < 0.0003% Pb < 0.0005% Hg < 0.0001% Cd < 0.0001% Heavy met. < 0.002%	AGAG-00P-500	P	500 g	1045

BACTERIOLOGICAL PEPTONE

labkem

TARIC code: 35040090

BACTERIOLOGICAL PEPTONE BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. Loss on dry. < 6% Amino N (on dry) > 2.6% Total N (on dry) > 12% Ash < 15%	pH (2%): 6.5 - 7.5 Red. sugars: negative Undigest. prot.: negative Proteoses: negative NO_2: negative Tryptophan: negative	Standard Plate Count < 5000cfu Molds and Yeast < 100cfu Once open. avoid hydration Storage temp.: 2 - 25°C	BACP-00P-500	P	500 g	1277

BAIRD PARKER AGAR BASE

labkem

TARIC code: 13023100

BAIRD PARKER AGAR BASE BAC PH. EUR.			reference	packaging		price kr
Homogeneous, free flowing and toasted in colour. If any changes physically, discard product. App.: yellow opalescent	pH (25°C): 6.6 - 7.0 Conc. of use: 63g/l Preparation: Dissolve 63 gr on 1 L with heat and boil for	1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C	ABBP-0EP-500	P	500 g	1214

BLOOD AGAR BASE

labkem

TARIC code: 13023100

BLOOD AGAR BASE BAC			reference	packaging		price kr
Homogeneous, free flowing and toasted in colour. If any changes physically, discard product. App.: amber pH (25°C): 7.1 - 7.5 Conc. of use: 40g/l Preparation: Dissolve 40 gr in 1 L of water and boil for 1 min until complete	dissolution. Sterilize at 121°C for 15 minutes. Cool to 45-50°C and aseptically add 5-10% of sterile defibrinated blood (Avoid bubbles in homogenization) If desired, add BLPS-00P to increase growth. Once open. avoid hydration Storage temp.: 2 - 25°C		ABBL-00P-500	P	500 g	1676

BRILLIANT GREEN BILE BROTH 2% (BRILA)

labkem

TARIC code: 13023100

BRILLIANT GREEN BILE BROTH 2% (BRILA) BAC ISO-4831, ISO-4832			reference	packaging		price kr
Homogeneous, free flowing and Beige-greenish. If any changes physically, discard product. App.: Brilliant green pH (25°C): 7.0 - 7.4	Conc. of use: 40g/l Preparation: Diss. 40 gr in 1 L of water w/heat and boil for 1 min until complete dissol. Steril. 121°C for 15 min.	(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	BRGR-00I-500	P	500 g	1013

BUFFERED PEPTONE WATER

labkem

TARIC code: 13023100

BUFFERED PEPTONE WATER BAC PH. EUR.			reference	packaging		price kr
Homogeneous, free flowing and whitish. If any changes physically, discard product. App.: Transparent pH (25°C): 6.8 - 7.2	Conc. of use: 16.1g/l Preparation: Dissolve 16.1 gr on 1 L with heat and boil for 1 min until complete dissolution.	Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C	AGPT-0EP-500	P	500 g	574
BUFFERED PEPTONE WATER BAC ISO-6579, ISO-22964, ISO-6887, ISO-19250, DIN-10181, DIN-10160			reference	packaging		price kr
Homogeneous, free flowing and slightly toasted. If any changes physically, discard product. App.: Light amber pH (25°C): 6.8 - 7.2	Conc. of use: 20g/l Preparation: Dissolve 20 gr on 1 L with heat and boil for 1 min until complete dissolution. Steril. 121°C for 15 min.	Once open. avoid hydration. Storage temp.: 2 - 25°C	AGPT-0DI-500	P	500 g	498

CHAPMAN AGAR (TTC)

labkem

TARIC code: 13023100

CHAPMAN AGAR (TTC) BAC ISO-9308-1				reference	packaging		price kr
Homogeneous, free flowing and greenish-beige. App.: Violet-red pH (25°C): 7.0 - 7.4	If any changes physically, discard product. Conc. of use: 56.15g/l	Preparation: Dissolve 56.15gr on 1 L with heat and boil for 1 min until complete dissolution.	Steril. 121°C for 15 min. Once open. avoid hydration. Storage temp.: 2 - 25°C	AGCH-00I-500	P	500 g	867

CHROMOGENIC TRYPTONE BILE X-GLUCURONIDE AGAR (TBX)

labkem

TARIC code: 13023100

CHROMOGENIC TRYPTONE BILE X-GLUCURONIDE AGAR (TBX) BAC ISO-16649-2,3			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight.opalesc. pH (25°C): 7.0 - 7.4 Conc. of use: 36.6g/l	Preparation: Dissolve 36.6 gr on 1 L with heat and boil for 1 min until complete dissolution. Sterilize at 121°C for 12 min. Once open. avoid hydration	Storage temp.: 2 - 25°C	AGTB-00I-500	P	500 g	2505

EGG YOLK EMULSION + TELLURITE SUPPLEMENT

labkem

TARIC code: 38229000

Delivery time 2 weeks

EGG YOLK EMULSION + TELLURITE SUPPLEMENT BAC	reference	packaging		price kr
Colour: Yellow Tellurite Egg Yolk Emulsion, sterilized and stabilized, for use in microbiology applications. ready for use with ABBP-0EP for selection of coagulase-positive Staphylococci. The addition of Egg yolk and Potassium tellurite helps to differentiate these microorganisms from others capable of growing in the base agar, through the detection of lecithinase and the formation of black colonies Sterility test: passes test Fertility test: passes test Storage temp.: 2 - 8°C	EYTS-00P-100		100 ml	774

FERRIC AMMONIUM CITRATE SUPPLEMENT

labkem

TARIC code: 38229000

Delivery time 2 weeks

FERRIC AMMONIUM CITRATE SUPPLEMENT BAC ISO-11290-1	reference	packaging		price kr
Aseptically reconstitute 1 vial with 5 ml of sterile distilled water. Mix gently until complete dissolution and add aseptically to 500 ml of FRLB-00I and FRLB-0HI, autoclaved and cooled to 50°C. Mix well and distribute into sterile containers. Microbial Contamination absence: passes test Storage temp.: 2 - 8°C	FACS-00P-010		10 pcs	1179

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

D(+)-GLUCOSE ANHYDROUS

labkem

CAS: 50-99-7 MW: 180,16 EC: 200-075-1 TARIC code: 17023050 $C_6H_{12}O_6$

D(+)-GLUCOSE ANHYDROUS BAC			reference	packaging		price kr
App.: Colourless cryst. white powder Spec. Rot. (20°C;10%H_2O): 52.5 - 53.0° Insol. matter < 0.005% Loss on dry. (105 °C) < 0.2% Cl. < 0.0025%	Starch: Passes test Acid. (Acetic acid) < 0.015% Ash (SO_4) < 0.02% SO_4 < 0.005% Fe < 0.0005%	Heavy metals (Pb) < 0.0005% As < 0.00004% Pb < 0.0005%	GLUC-A0A-500	P	500 g	174

LISTERIA ENRICHMENT FRASER BROTH BASE

labkem

TARIC code: 13023100

LISTERIA ENRICHMENT 1/2 FRASER BROTH BASE BAC ISO-11290-1			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Purple red pH (25°C): 7.0 - 7.4 Conc. of use: 14.35g/l	Preparation: Dissolve 28.7 gr on 500 ml with heat and boil for 1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration	Storage temp.: 2 - 25°C	FRLB-0HI-500	P	500 g	1138
LISTERIA ENRICHMENT FRASER BROTH BASE BAC ISO-11290-1			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Purple red pH (25°C): 7.0 - 7.4 Conc. of use: 14.35g/l	Preparation: Dissolve 28.7 gr on 500 ml with heat and boil for 1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration	Storage temp.: 2 - 25°C	FRLB-00I-500	P	500 g	1054

LYSINE DECARBOXYLASE MEDIUM

labkem

TARIC code: 13023100

LYSINE DECARBOXYLASE MEDIUM BAC ISO-6579, ISO-10273, ISO-19250			reference	packaging		price kr
Homogeneous, free flowing and light beige in colour. If any changes physically, discard product. App.: Violet	pH (25°C): 6.6 - 7.0 Conc. of use: 9g/l Preparation: Dissolve 9 gr in 1 L of water and boil for 1	min until complete dissolution. Sterilize at 121°C for 15 minutes. Once open. avoid hydration Storage temp.: 2 - 25°C	LDBR-00I-500	P	500 g	2174

MACCONKEY AGAR

labkem

TARIC code: 13023100

MACCONKEY AGAR BAC PH. EUR., ISO-21567			reference	packaging		price kr
Homogeneous, free flowing and beige-pink. If any changes physically, discard product. App.: Beige - pink pH (25°C): 6.9 - 7.3	Conc. of use: 50g/l Preparation: Dissolve 50 gr. on 1 L with heat and boil for 1 min until complete dissolution.	Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C	AGMC-IEP-500	P	500 g	894

MAN, ROGOSA AND SHARPE AGAR (MRS)

labkem

TARIC code: 13023100

MAN, ROGOSA AND SHARPE AGAR (MRS) BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight.opalesc. pH (25°C): 6.0 - 6.4	Conc. of use: 62g/l Preparation: Dissolve 62 gr on 1 L with heat and boil for 1 min until complete dissolution.	Sterilize at 121°C for 12 min. Once open. avoid hydration Storage temp.: 2 - 25°C	AGMR-00P-500	P	500 g	874

MUELLER HINTON AGAR

labkem

TARIC code: 13023100

MUELLER HINTON AGAR BAC			reference	packaging		price kr
Homogeneous, free flowing and Cream. If any changes physically, discard product. Col. of the prep. med.: Amber slight. opalesc. Col. of prep. med. w/blood: Red	pH (25°C): 7.2 - 7.6 Microb. test: Passes test Conc. of use: 38g/l Preparation: Dissolve 38 gr on 1 L with heat and boil	for 1 min until complete dissolution. Steril. 121°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	AGMH-00P-500	P	500 g	1229

MULLER-KAUFFMANN BROTH BASE W/ BRILLIANT GREEN & NOVOBIOCIN (MKTTN)

labkem

TARIC code: 13023100

MULLER-KAUFFMANN BROTH BASE W/ BRILLIANT GREEN & NOVOBIOCIN (MKTTN) BAC ISO-6579		reference	packaging		price kr
Homogeneous, free flowing and toasted in colour. If any changes physically, discard product. App.: amber pH (25°C): 7.1 - 7.5 Conc. of use: 40g/l Preparation: Dissolve 40 gr in 1 L of water and boil for 1 min until complete	dissolution. Sterilize at 121°C for 15 minutes. Cool to 45-50°C and aseptically add 5-10% of sterile defibrinated blood (Avoid bubbles in homogenization) If desired, add BLPS-00P to increase growth. Once open. avoid hydration Storage temp.: 2 - 25°C	MKFB-00I-500	P	500 g	1790

OXFORD LISTERIA SELECTIVE SUPPLEMENT

labkem

CAS: 66-81-9 EC: 200-636-0 TARIC code: 38229000

Delivery time 2 weeks

OXFORD LISTERIA SELECTIVE SUPPLEMENT BAC ISO-11290-1		reference	packaging		price kr
Aseptically reconstitute 1 vial with 5ml of of 1:1 v/v sterile distilled water/acetone. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C		OLSS-00I-010		10 pcs	2376

PALCAM LISTERIA SELECTIVE SUPPLEMENT

labkem

TARIC code: 38220000

Delivery time 2 weeks

PALCAM LISTERIA SELECTIVE SUPPLEMENT BAC ISO-11290-2		reference	packaging		price kr
Aseptically reconstitute 1 vial with 5ml of of 1:1 v/v sterile distilled water/acetone. Aseptically add 500 ml of ABPA-00I once autoclaved and cooled	to 50°C. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C	PLSS-00I-010		10 pcs	2174

PEPTONE FROM CASEIN (TRYPTONE)

labkem

CAS: 91079-40-2 EC: 293-428-4 TARIC code: 35040090

PEPTONE FROM CASEIN (TRYPTONE) BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. Amino N (on dry) > 3.9% Total N (on dry) > 10% Ash < 15% pH (2%): 6.5 - 7.5 Loss on drying < 6%	Red. sugars: Negative Undigest. prot.: Negative Proteoses: Negative NO_2: Negative Tryptophan: Negative Standard Plate Count < 5000cfu Molds and Yeast < 100cfu	Once open. avoid hydration Storage temp.: 2 - 25°C	TRYN-00P-500	P	500 g	902

POLYENRICHMENT SUPPLEMENT

labkem

TARIC code: 38229000

Delivery time 2 weeks

POLYENRICHMENT SUPPLEMENT BAC		reference	packaging		price kr
Aseptically reconstitute 1 vial of Polyenrichment Growth Supplement (vial A) with 1 vial of Polyenri If desired, this supplement can also be added to ABBL-00P. Includes 5 x Vial A and 5 x Vial B. Microbial Contamination absence: passes test Storage temp.: 2 - 8°C		BLPS-00P-010		2x5 pcs	1249

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

RAPPAPORT SOY BROTH ACCORDING VASSILIADIS

labkem

TARIC code: 13023100

RAPPAPORT SOY BROTH ACCORDING VASSILIADIS BAC PH. EUR.		reference	packaging		price kr
Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App.: Blue pH (25°C): 5.0 - 5.4 Conc. of use: 26.75g/l Preparation:	Suspend 26,75g on 1 L with heat until complete dissol. Sterilize at 115°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	RSVB-00E-500	P	500 g	967
RAPPAPORT SOY BROTH ACCORDING VASSILIADIS BAC ISO-6579, ISO-19250		**reference**	**packaging**		**price kr**
Homogeneous, free flowing and blue-greenish. If any changes physically, discard product. App.: Blue pH (25°C): 5.0 - 5.4 Conc. of use: 30.06g/l	Preparation: Dissolve 33,37 gr in 1110 ml with heat until complete dissol. Sterilize at 115°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	RSVB-00I-500	P	500 g	1178

SABORAUD DEXTROSE AGAR

labkem

TARIC code: 13023100

SABORAUD DEXTROSE AGAR BAC PH. EUR.			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber/slight opalesc. pH (25°C): 5.4 - 5.8 Conc. of use: 65g/l	Preparation: Sterilize at 118-121°C for 15min. Dissolve 65 gr. on 1 L with heatand boil for 1 min until complete dissolution. (AVOID OVERHEATING)	Once open. avoid hydration Storage temp.: 2 - 25°C	AGDS-0EP-500	P	500 g	733

SABOURAUD DEXTROSE W/ CHLORAMPHENICOL AGAR

labkem

TARIC code: 13023100

SABOURAUD DEXTROSE W/ CHLORAMPHENICOL AGAR BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight.opalesc. pH (25°C): 5.4 - 5.8	Conc. of use: 65.5g/l Preparation: Dissolve 65.5 gr on 1 L with heat and boil for 1 min until complete dissolution.	Steril. 121°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	AGSC-00P-500	P	500 g	706

STANDARD METHODS AGAR (PCA)

labkem

TARIC code: 13023100

STANDARD METHODS AGAR (PCA) BAC ISO-4833			reference	packaging		price kr
Homogeneous, free flowing and light-toasted. If any changes physically, discard product. Col. of the prep. med.: Clear amber, slightly opalescent	pH (25°C): 6.8 - 7.2 Microb. test: passes test Conc. of use: 23.5g/l Preparation: Dissolve 23.5 gr on 1 L with heat and boil	for 1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C	AGSM-00I-500	P	500 g	760

SULFITE POLYMYXIN SULFADIAZINE AGAR (SPS)

labkem

TARIC code: 13023100

SULFITE POLYMYXIN SULFADIAZINE AGAR (SPS) BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight. opalesc pH (25°C): 6.8 - 7.2	Conc. of use: 39.7g/l Preparation: Dissolve 39.7 gr on 1 L with heat and boil for 1 min until complete dissolution.	Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C	AGSP-00P-500	P	500 g	1202

TRIPLE SUGAR IRON AGAR (TSI)

labkem

TARIC code: 13023100

TRIPLE SUGAR IRON AGAR (TSI) BAC ISO-6579, ISO-19250			reference	packaging		price kr
Homogeneous, free flowing and pink in colour. App.: Red pH (25°C): 7.2 - 7.6 Preparation:	If any changes physically, discard product. Conc. of use: 64.6g/l Dissolve 64.6 gr in 1 L of water and boil for 1 min until complete dissolution. Sterilize at 121°C for 15 minutes.	(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	AGTS-00I-500	P	500 g	1263

TRYPTICASEIN SOY AGAR (TSA)

labkem

TARIC code: 13023100

TRYPTICASEIN SOY AGAR (TSA) BAC PH. EUR.		reference	packaging		price kr
Homogeneous, free flowing and beige in colour. If any changes physically, discard product. Col. of prep. med. w/blood: Cherry red pH (25°C): 7.1 - 7.5 Conc. of use: 40g/l Preparation: Diss. 40 gr in 1 L of water w/heat and boil for 1 min until complete dissol. Sterilize at 121°C for 15 minutes. Once open. avoid hydration	*S. aureus* ATCC25923 Growth: Good *S. aureus* ATCC6538 Growth: Good *S. epidermidis* ATCC12228 Growth: Good *S pneumoniae* ATCC 6303 Growth: Good *Streptococcus pneumoniae* ATCC 6303 Growth: Good *S. pyogenes* ATCC 19615 Growth: Good *P. aeruginosa* ATCC 9027 Growth: Good *B. subt.* ATCC 6633 Growth: Good *C. albicans* ATCC 10231 Growth: Good *A. brasiliensis* ATCC 16404 Growth: Good	AGST-0EP-500	P	500 g	789

TRYPTICASEIN SOY BROTH (TSB)

labkem

TARIC code: 13023100

TRYPTICASEIN SOY BROTH (TSB) BAC PH. EUR.		reference	packaging		price kr
Homogeneous, free flowing and light beige in colour. If any changes physically, discard product. Col. of the prep. med.: clear amber pH (25°C): 7.1 - 7.5 Conc. of use: 30g/l Preparation: Dissolve 30 gr on 1 L with heat and boil for 1 min until complete dissol. Sterilize at 121°C for 15 minutes. Once open. avoid hydration *B. abortus* ATCC 4315 Growth: Good *S. aureus.* ATCC6538 growth: Good	*E. coli* ATCC 25922 Growth: Good *E. coli* ATCC 8739 Growth: Good *E. aerogenes* ATCC 13048 Growth: Good *C. albicans* ATCC 10231 Growth: Good *S. pyogenes* ATCC 19615 Growth: Good *S pneumoniae* ATCC 6303 Growth *Streptococcus pneumoniae* ATCC 6303 Growth: Good *P. aeruginosa* ATCC 9027 Growth: Good *S. typhimurium* ATCC 14028 Growth: Good *B. subt.* ATCC 6633 Growth: Good *A. brasiliensis* ATCC 16404 Growth: Good	STRB-0EP-500	P	500 g	606

TTC 1% SUPPLEMENT

labkem

EC: 206-071-6 CAS: 298-96-4 TARIC code: 38220000

Delivery time 2 weeks

TTC 1% SUPPLEMENT BAC	reference	packaging		price kr
Aseptically reconstitute 1 vial with 2.5 ml of water. Mix and aseptically add to 500 ml of AGCH-00I. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C	TTCS-00P-010		10 pcs	1152

VIOLET RED BILE W/ GLUCOSE AGAR (VRBG)

labkem

TARIC code: 13023100

VIOLET RED BILE W/ GLUCOSE AGAR (VRBG) BAC PH.EUR, ISO-21528			reference	packaging		price kr
Homogeneous, free flowing and fine powder. If any changes physically, discard product. App.: Purple red pH (25°C): 7.2 - 7.6	Conc. of use: 41.5g/l Preparation: Dissolve 41.5 gr on 1 L with heat and boil for 1 min until complete dissolution. Sterilize at 118°C for 15 min.	(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	ABVG-IEP-500	P	500 g	976

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

VIOLET RED BILE W/ LACTOSE AGAR (VRBL)

labkem

TARIC code: 13023100

VIOLET RED BILE W/ LACTOSE AGAR (VRBL) BAC ISO-4832				reference	packaging		price kr
Homogeneous, free flowing and beige-reddish. If any changes physically, discard product.	App.: Purple red pH (25°C): 7.2 - 7.6 Conc. of use: 41.5g/l Preparation:	Dissolve 41.5 gr on 1 L with heat and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)	Once open. avoid hydration Storage temp.: 2 - 25°C	ABVL-00I-500	P	500 g	981

XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD)

labkem

TARIC code: 13023100

XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD) BAC PH. EUR			reference	packaging		price kr
Homogeneous, free flowing and pink. If any changes physically, discard product. App.: Reddish-orange pH (25°C): 7.2 - 7.6 Conc. of use: 55.2g/l	Preparation: Dissolve 55.2 gr on 1 L with heat and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)	(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	AGXL-0EP-500	P	500 g	1540
XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD) BAC ISO-6579, ISO-19250, ISO-21567			reference	packaging		price kr
Homogeneous, free flowing and pink. If any changes physically, discard product. App.: Reddish-orange pH (25°C): 7.2 - 7.6 Conc. of use: 54g/l	Preparation: Dissolve 54 gr on 1 L with heat and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)	(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C	AGXL-00I-500	P	500 g	1699

YEAST EXTRACT

labkem

CAS: 8013-01-2 EC: 232-387-9 TARIC code: 21021031

YEAST EXTRACT BAC			reference	packaging		price kr
Homogeneous, free flowing and beige. If any changes physically, discard product. Total N (on dry) > 10% Amino N (on dry) > 4.5% Moisture < 5% NaCl < 0.5%	pH: 6.0 - 7.2 Total Plate Counts < 5000cfu/g Colif. Bact.: Negative Pathogen test: Negative Yeast and molds < 50cfu/g Once open. avoid hydration	Storage temp.: 2 - 25°C	YEEX-1MB-500	P	500 g	388

STAINS, DYES AND REAGENTS FOR MICROBIOLOGY AND PATHOLOGY

ALCIAN BLUE 8GX, C.I. 74240

labkem

CAS: 33864-99-2 MW: 1298,86 EC: 251-705-7 TARIC code: 32041900

$C_{56}H_{68}Cl_4CuN_{16}S_4$

ALCIAN BLUE 8GX (C.I. 74240) MIC			reference	packaging		price kr
Assay 98.5 - 101% Insol. matter < 0.01% pH (5%, 20°C) 2.5 - 3.5	Cl^- < 0.001% Ca + K + Na < 0.03% Fe < 0.004%	Heavy metals (Pb) < 0.0005% SO_4 < 0.005%	ABLU-00P-010	P	10 g	1144

ANILINE BLUE, C.I. 42755

labkem

CAS: 28631-66-5 MW: 737,72 EC: 249-113-9 TARIC code: 32041200

$C_{32}H_{25}N_3Na_2O_9S_3$

ANILINE BLUE (C.I. 42755) WATER SOLUBLE MIC		reference	packaging		price kr
App.: Brownish-purple crystalline powder With metallic lustre Abs. max (0.005) mol/L HCl: 595 - 610nm	Used with fuchsin acid as Mallory's connective tissue stain visualizes chromosomes and cellulose walls in plants	ANBL-00D-025	P	25 g	432

BRILLIANT GREEN, C.I. 42040

labkem

CAS: 633-03-4 MW: 482,64 EC: 211-190-1 TARIC code: 32041300

$C_{27}H_{34}N_2O_4S$

BRILLIANT GREEN (C.I. 42040) MIC		reference	packaging		price kr
App.Green to green-yellow crystalline powder Assay > 95% Loss on dry. < 5% Lambda max. < 625nm	Absorption 0.94 - 1.14 Colour: yellow (pH 0.0) - pH 2.6 (green) For photometric determination of Antimony, for Bacteriology and Microscopy	BRIL-00D-025	P	25 g	450

CARMINE, C.I. 75470

labkem

CAS: 1390-65-4 MW: 492,38 EC: 215-724-4 TARIC code: 32030090

$C_{44}H_{37}AlCaO_{27}\cdot 3H_2O$

CARMINE (C.I. 75470) MIC			reference	packaging		price kr
App. Dark pink to red powder Assay 50 - 55% Loss on dry. < 20%	Lambda max. (NaOH): 531 - 563nm Ash < 12% As < 0.0001%	Pb < 0.001% Suitable for use in Orth's Lithium carminic technique.	CARM-00D-025	G	25 g	1233

CONGO RED, C.I. 22120 *SEE P. 415*

CRYSTAL VIOLET, C.I. 42535+42555

labkem

CAS: 548-62-9 MW: 407.99 EC: 208-953-6 TARIC code: 32041300

ADR: 9 M7 III UN 3077 IMDG: 9 III UN 3077 IATA: 9 III UN 3077

$C_{25}H_{30}ClN_3$

CRYSTAL VIOLET (C.I. 42535+42555) MIC		reference	packaging		price kr
App. Solid, green and odorless Assay > 90% Loss on dry. < 10%	TLC test 8,0 - 10,0 Coef. max. of abs. (P*15 nm) 0.98 - 1.25	GENT-V0D-025	P	25 g	248

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

DECALCIFIER SOLUTION

labkem

CAS: 64-18-6 EC: 200-579-1 TARIC code: 38229000

IMDG: 8 II UN 3264 ADR: 8 II C1 UN 3264 IATA: 8 II UN 3264

DECALCIFIER SOLUTION, HIS			reference	packaging		price kr
Color: Clear Odor: Irritating	Composition: Formaldehyde, formic acid, water		DECA-S01-1K0	G	1 L	560

EOSIN ALCOHOLIC SOLUTION 0.5%

labkem

TARIC code: 32041300

IMDG: 3 II UN 1170 ADR: 3 II F1 UN 1170 IATA: 3 II UN 1170

EOSIN ALCOHOLIC SOLUTION 0.5%, MIC		reference	packaging		price kr
Color: Orange Odor: Alcohol-like	Composition: Ethyl alcohol, eosin Y	EOYE-A0D-500	P	500 ml	252

EOSIN AQUEOUS SOLUTION 1%

labkem

TARIC code: 32041300

EOSIN AQUEOUS SOLUTION 1%, MIC		reference	packaging		price kr
Color: Orange Odor: Odorless	Solubility: Soluble in water Composition: Water, eosin Y	EOYE-S0D-500	P	500 ml	288

EOSIN YELLOWISH, C.I. 45380

labkem

CAS: 17372-87-1 MW: 691,86 EC: 241-409-6 TARIC code: 32041200

$C_{20}H_6Br_4Na_2O_5$

EOSIN YELLOWISH (C.I. 45380) MIC		reference	packaging		price kr
Assay > 90% Abs. max. 515 - 518nm Suit. for microb. Passes test	Reag. for spectr. det. of Ag Cytoplasmic, counterstain for haematoxylin constituent for Wright's or modified Nocht's Stain	EOYE-00D-025	P	25 g	342

FLUORESCEIN SODIUM, C.I. 45350

labkem

CAS: 518-47-8 MW: 376,3 EC: 208-253-0 TARIC code: 32049000

$C_{20}H_{10}Na_2O_5$

FLUORESCEIN SODIUM (C.I. 45350) MIC, BP			reference	packaging		price kr
Appearance/colour Dark brownish-red - dark orange red powder Assay 90 - 102% Loss on dry. (135 °C) < 17%	Solub. (1 mg/mL H_2O) Clear to slightly hazy dark yellow - to brownish Yellow solution with greenish fluorescence	Lambda max. < 491nm	FLUO-00D-025	P	25 g	281
			FLUO-00D-100	P	100 g	471

FORMALDEHYDE, DILUTED SOLUTION STABILIZED WITH METHANOL

labkem

MW: 30,03 EC: 200-001-8 TARIC code: 29121100

CH_2O

FORMALDEHYDE, SOLUTION 3,7-4,0% HIS BUFFERED pH=7			reference	packaging		price kr
Assay 3.7 - 4%	Content of MeOH 1 - 1.5% w/v	pH 6.8 - 7.2	FORM-D0P-10K	BiB	10 L	657
Pack of 24 vials of 120 ml for tissue samples pre-filled with 75 ml of dilute formaldehyde stabilized with methanol			FORM-D0P-120	P	24x120 ml	542

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

FUCHSIN ACID, C.I. 42685

labkem

CAS : 3244-88-0 MW : 585,54 EC : 221-816-5 TARIC code : 32041200

$C_{20}H_{17}N_3Na_2O_9S_3$

FUCHSIN ACID (C.I. 42685) MIC		reference	packaging		price kr
Appearance/colour Dark-Green Crystalline Powder Loss on dry. (110 °C) < 10% Assay > 80% Lambda max. (NaOH) > 549nm Sol. 0.1% in 50% EtOH Clear solution	Melt. point < 250°C Colour pH 1.0 (Purple) - pH 3.1 (Red) Suitable for use in the Van Gieson Connective tissue stain and Mallory anilin blue connective tissue stain Zeihl-Neelsens staining for tuberculosis bacilli	FUCH-A0D-010	G	10 g	288
		FUCH-A0D-025	P	25 g	550

FUCHSIN BASIC, C.I. 42510

labkem

CAS: 632-99-5 MW: 337.85 EC: 211-189-6 TARIC code: 32041300

$C_{20}H_{20}ClN_3$

FUCHSIN BASIC (C.I. 42510) MIC		reference	packaging		price kr
Assay > 85% App. Dark green coloured powder Loss on dry. (135 °C) < 15%	Abs. max. (50% EtOH) 549 - 552nm Abs.(0.003 g/l. 50% EtOH) 2290 - 2710nm	FUCH-B0D-025	P	25 g	536

FUCHSIN BASIC, CARBOL SOLUTION ACCORDING TO ZIEHL

labkem

TARIC code: 32041300

ADR: 3(6.1) FT1 III UN 1992 IMDG: 3(6.1) III UN 1992 IATA: 3(6.1) III UN 1992

FUCHSIN BASIC, CARBOL SOLUTION ACCORDING TO ZIEHL MIC		reference	packaging		price kr
Abs. max. 544 - 548nm Abs. (A_1%; 1cm; λ_{max}; 1:2000) 0.38 - 0.6	Suitability test Passes test	FUCH-BZD-500	P	500 ml	258

GIEMSA'S STAIN

labkem

CAS: 51811-82-6 EC: 257-438-2 TARIC code: 32041900

GIEMSA'S STAIN MIC		reference	packaging		price kr
App. Dark green coloured powder Abs. max. λ_{1max} (MeOH) 647 - 653nm Abs. max. λ_{2max} (MeOH) 520 - 526nm	Sp. abs. (A_1%; 1cm; λ_{1max}; MeOH) > 800 Sp. abs. (A_1%; 1cm; λ_{2max}; MeOH) > 350 Loss on dry. (105 °C) < 10%	EOMB-00D-100	P	100 g	919

GIEMSA STAIN SOLUTION

labkem

CAS: 67-56-1 EC: 200-659-6 TARIC code : 32041900

ADR: 3 FT1 II UN 1230 IMDG: 3 II UN 1230 IATA: 3 II UN 1230

GIEMSA'S AZUR EOSIN METHYLENE BLUE SOLUTION MIC			reference	packaging		price kr
App. Blue coloured solution	Abs. max. λ_{1max} 630 - 655nm	Abs. max. λ_{2max} 520 - 525nm	EOMB-MSD-1K0	G GL45	1 L	720

GILL'S HEMATOXYLIN SOLUTION

labkem

TARIC code: 32041300

GILL'S HEMATOXYLIN (I) SOLUTION, MIC		reference	packaging		price kr
Color: Dark red Odor: Acetone-like	Composition: Hematoxylin, aluminum sulfate, potassium Iodide, acetic acid, water	HEMA-G1S-500	P	500 ml	448
GILL'S HEMATOXYLIN (II) SOLUTION, MIC		reference	packaging		price kr
Color: Dark red Odor: Acetone-like	Composition: Hematoxylin, aluminum sulfate, potassium Iodide, acetic acid, water	HEMA-G2S-500	P	500 ml	480
GILL'S HEMATOXYLIN (III) SOLUTION, MIC		reference	packaging		price kr
Color: Dark red Odor: Acetone-like	Composition: Hematoxylin, aluminum sulfate, potassium Iodide, acetic acid, water	HEMA-G3S-500	P	500 ml	560

HARRIS'S HEMATOXYLIN FOR PAPANICOLAOU

labkem

TARIC code: 32041300

HARRIS'S HEMATOXYLIN FOR PAPANICOLAOU, MIC		reference	packaging		price kr
Color: Dark red Odor: Odorless	Composition: Hematoxylin, aluminum sulfate, potassium Iodide, ethanol, glycerol, water	HEMA-HPS-500	P	500 ml	288

HEMATOXYLIN, C.I. 75290

labkem

CAS: 517-28-2 MW: 302,3 EC: 208-237-3 TARIC code: 32030010

$C_{16}H_{14}O_6$

HEMATOXYLIN 80% (C.I. 75290) MIC		reference	packaging		price kr
Assay > 75% App. brown powder Loss on dry. < 8%	General tissue stain for animal histology by Weigerts Mayer's acid hemalum Heidenhain's and Harris technique on paraffin sections	HEMA-00D-025	P	25 g	1868

INDIGO CARMINE, C.I. 73015 *SEE P. 415*

LACTOPHENOL (COTTON BLUE) SOLUTION

labkem

TARIC code: 38220000

ADR : 6.1 T1 II UN 2922 IMDG : 6.1 II UN 2922 IATA : 6.1 II UN 2922

LACTOPHENOL (COTTON BLUE) SOLUTION MIC			reference	packaging		price kr
Suit. for microb. Passes test	Solub. in H_2O (20°C) Passes test	Blue sol. for staining fungi	LACP-00D-100	G	100 ml	133

MAY-GRÜNWALD'S STAIN

labkem

CAS: 68988-92-1 TARIC code: 32041900

MAY-GRÜNWALD'S STAIN MIC		reference	packaging		price kr
Abs. max. λ_{1max} 648 - 653nm Abs. max. λ_{2max} 520 - 528nm Sp. abs. (A_1%; 1cm; λ_{1max} (dried subst.)) 1100 - 1300	Sp. abs. (A_1%; 1cm; λ_{2max} (dried subst.)) 600 - 800 Loss on dry. (105 °C) < 10%	EOBL-M0D-025	P	25 g	313

MAY-GRÜNWALD'S SOLUTION MODIFIED FOR MICROSCOPY

labkem

CAS: 67-56-1 EC: 200-659-6 TARIC code : 32041900

ADR: 3(6.1) FT1 II UN 1230 IMDG: 3(6.1) II UN 1230 IATA: 3(6.1) II UN 1230

MAY-GRÜNWALD'S SOLUTION EOSINE-METHYLENE BLUE MODIFIED MIC		reference	packaging		price kr
Abs. max. λ_1 (1 250 MeOH) 645 - 651nm Abs. max. λ_2 (1 250 MeOH) 520 - 528nm Abs. (A_1%; λ_{1max}; 1:250 MeOH) 0.5 - 0.8	Abs. (A_1%; λ_{2max}; 1:250 MeOH) 0.3 - 0.4 Suit. for microb. Passes test	EOBL-MSD-500	P	500 ml	350

MAYER'S HEMATOXYLIN

labkem

TARIC code: 32041300

MAYER'S HEMATOXYLIN, MIC		reference	packaging		price kr
Color: Dark red Odor: Odorless	Composition: Hematoxylin, aluminum sulfate, potassium Iodide, acetic acid, glycerol, water	HEMA-M0S-500	P	500 ml	320

METHYL ORANGE, C.I. 13025 *SEE P. 416*

METHYL RED, C.I. 13020 *SEE P. 416*

METHYLENE BLUE, C.I. 52015 *SEE P. 416*

NEUTRAL RED, C.I. 50040

labkem

CAS: 553-24-2 MW: 288.78 EC: 209-035-8 TARIC code: 32041300

$C_{15}H_{17}ClN_4$

NEUTRAL RED (C.I. 50040) MIC	reference	packaging		price kr
App. sol. 0.1% (50%EtOH) Clear solution Dye content > 60% Abs. max. (50% EtOH) 539 - 544nm Loss on dry. < 12% Transition range pH 6.8 - 8 violet red - orange yellow Suit. for microb. Passes test Suit. for microb. Passes test Supervital staining of living blood cells.	NEUR-00D-010	P	10 g	183
	NEUR-00D-025	P	25 g	385

ORANGE G, C.I. 16230

labkem

CAS: 1936-15-8 MW: 452.37 EC: 217-705-6 TARIC code: 32041200

$C_{16}H_{10}N_2\ Na_2O_7S_2$

ORANGE G (C.I. 16230) MIC	reference	packaging		price kr
Assay > 80 Dye content > 80% Abs. max. (H_2O) 476 - 481nm	ORAN-G0D-025	P	25 g	321

ORCEIN

labkem

CAS: 1400-62-0 MW: 500,51 EC: 215-750-6 TARIC code: 32030010

$C_{28}H_{24}N_2O_7$

ORCEIN MIC	reference	packaging		price kr
App. Black coloured powder Abs. max. (NaOH 0.01 Mol/L) 575 - 582nm Absorptivity > 500 Loss on dry. < 7%	ORCE-00D-005	G	5 g	1043

PANOPTIC NO. 1 FOR BLOOD SMEAR STAINING OR MEDULLARY SMEAR STAINING

labkem

CAS: 67-56-1 EC: 200-659-6 TARIC code: 32041400

ADR : 3(6.1) FT1 III UN 1992 IMDG : 3(6.1) III UN 1992 IATA : 3(6.1) III UN 1992

PANOPTIC NO. 1 GREEN FIXATIVE MIC	reference	packaging		price kr
App. Bluish Blood smear staining or medullary smear staining.	PANO-GF1-1K0	P	1 L	389

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu
Disclaimer: Labkem chemical products are exclusively for use in laboratory and by instructed and experienced technicians. These chemical products may be dangerous, so please follow instructions mentioned on the Material safety data sheets.

Due to shipping restrictions or local/national regulations, all products may not be available in all countries or for some particular customers.

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

PANOPTIC NO. 2 FOR BLOOD SMEAR STAINING OR MEDULLARY SMEAR STAINING

labkem

TARIC code: 32041400

PANOPTIC NO. 2 FAST EOSIN MIC	reference	packaging		price kr
Appearance Reddish Blood smear staining or medullary smear staining.	PANO-FE2-1K0	P	1 L	860

PANOPTIC NO. 3 FOR BLOOD SMEAR STAINING OR MEDULLARY SMEAR STAINING

labkem

TARIC code: 32041400

PANOPTIC NO. 3 FAST BLUE MIC	reference	packaging		price kr
App. Bluish without visible particles Blood smear staining or medullary smear staining.	PANO-FB3-1K0	P	1 L	1031

PAPANICOLAOU EA50 SOLUTION

labkem

CAS: 64-17-5 EC: 200-578-6 TARIC code: 32041300

IMDG: 3 II UN 1170 ADR: 3 II F1 UN 1170 IATA: 3 II UN 1170

PAPANICOLAOU EA50 SOLUTION, MIC		reference	packaging		price kr
Appearance: Liquid Colour: Dark green	Odour: Alcohol-like Storage temp. 15 - 20°C	PPAN-S50-500	P	500 ml	252

PAPANICOLAOU OG6 SOLUTION

labkem

CAS: 64-17-5 EC: 200-578-6 TARIC code: 32041300

IMDG: 3 III UN 1170 ADR: 3 III F1 UN 1170 IATA: 3 III UN 1170

PAPANICOLAOU OG6 SOLUTION, MIC	reference	packaging		price kr
Color: Orange Odor: Alcohol-like	PPAN-S06-500	P	500 ml	252

PARAFFIN, PELLETS, FOR TISSUE EMBEDDING

labkem

CAS: 8002-74-2 EC: 232-315-6 TARIC code: 27122090

PARAFFIN, PELLETS, MELTING POINT 56 - 58 °C, MIC			reference	packaging		price kr
Melt. range 56 - 58°C Solidif. point 56 - 58°C	Penetr. (25°C) 1/10mm 16 Oil content 0%	Saybolt color > 30 Storage temp. 15 - 25°C	PARF-TEB-1K0	P	1 kg	172
PARAFFIN + DMSO, PELLETS, MELTING POINT 56 - 58 °C, MIC			reference	packaging		price kr
Melt. range 56 - 58°C Solidif. point : 56 - 58°C	Permeation 77F < 12mg/g Oil content < 0.15%	Saybolt color < 30 Storage temp. 15 - 25°C	PARD-TEB-1K0	P	1 kg	172

SUDAN III, C.I. 26100

labkem

CAS: 85-86-9 MW: 352,4 EC: 201-638-4 TARIC code: 32041900

$C_{22}H_{16}N_4O$

SUDAN III (C.I. 26100) MIC		reference	packaging		price kr
Assay > 85% Abs. max. 508 - 512nm	Fat stain on frozen sections for formalin fixed tissue used with light green in plant histology	SUDN-30D-025	P	25 g	396

TARTRAZINE FOR MICROSCOPY, C.I. 19140

labkem

CAS: 1934-21-0 MW: 534,4 TARIC code: 32041200

$C_{16}H_9N_4O_9S_2Na_3$

TARTRAZINE (C.I. 19140) MIC		reference	packaging		price kr
Abs. max. (H_2O) 421 - 427nm Sp. abs. (A_1%; 1cm; λmax) < 400	Loss on dry. < 15%	TART-00D-100	G	100 g	1528

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

TOLUIDINE BLUE, C.I. 52040

labkem

CAS: 92-31-9 MW: 305,82 EC: 202-146-2 TARIC code: 32041300 $C_{15}H_{16}ClN_3S$

TOLUIDINE BLUE (C.I. 52040) MIC		reference	packaging		price kr
Assay > 50% Abs. max. (H_2O) 620 - 638nm	Loss on dry. (110 °C) < 8%	TLBL-00D-005	G	5 g	216
		TLBL-00D-025	P	25 g	406

TOLUIDINE BLUE SOLUTION

labkem

TARIC code: 32041300

TOLUIDINE BLUE SOLUTION FOR HISTOLOGY, MIC		reference	packaging		price kr
Color: Blue Odor: Thymol-like	Composition: Ethyl alcohol, glycerol, water, toluidine blue	TLBL-S0D-500	P	500 ml	640

WRIGHT'S STAIN

labkem

CAS 68988-92-1 i EC: 273-541-5 TARIC code: 32041900

ADR: 3(6.1) FT1 II UN 1230 IMDG: 3(6.1) II UN 1230 IATA: 3(6.1) II UN 1230

WRIGHT'S STAIN MIC		reference	packaging		price kr
App. Greenish black/blue cryst. powder Abs. max. λ_{1max} (MeOH) 640 - 648nm Abs. max. λ_{2max} (MeOH) 522 - 525nm Sp. Abs. (A_1; 1cm; λ_{1max}) > 1100 Sp. Abs. (A_2; 1cm; λ_{2max}) > 650	Suit. for microscopy passes test Loss on Dry. (110°C) < 10% Certified for use in staining blood and bone marrow films also for staining malarial parasites in blood f	WRST-00P-025	P	25 g	406

XYLENE SUBSTITUTE

labkem

CAS: 68551-19-9 EC: 271-369-5 TARIC code: 27073000

IMDG: 8 II UN 3264 ADR: 8 II C1 UN 3264 IATA: 8 II UN 3264

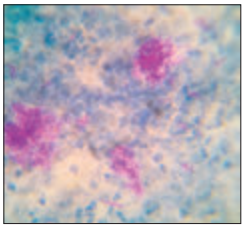
XYLENE SUBSTITUTE, HIS		reference	packaging		price kr
Appearance Clear liquid Boiling range 78° - 154°C Flash point 20°C	Acidity 0.1% Purity 99.5% Moisture 0.20%	XYLN-SUB-2K5	G	2,5 L	740

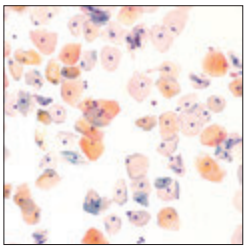
DYES AND STAINS KITS FOR MICROBIOLOGY AND PATHOLOGY

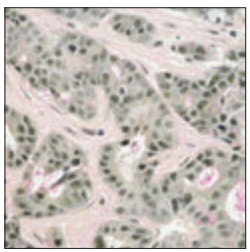
labkem

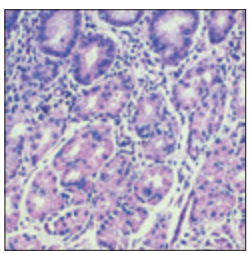
Ready-to-use solutions of some of the most widely used stains in the fields of histopathology, microbiology and hematology. Labkem dye kits are fast and easy to use, ensuring reproducible results

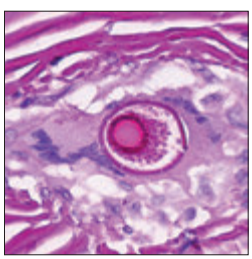
reference	type	n° tests / sales unit	price/pack kr
ABLU-KA2-100	**Alcian, Blue pH 1** Detection of highly acidic mucins only	100	1040
ABLU-KA3-100	**Alcian, Blue pH 2.5** Detection of acidic mucins	100	1040
CONG-KHI-100	**Highman, Congo Red** Detection of amyloid	100	928
TRIC-KML-100	**Mallory, Trichrome** Coloration of connective tissue	100	1472
TRIC-KMA-100	**Masson, Trichrome Standard** Detection of collagen fibers in tissues	100	1086
ORCE-KFB-100	**Orcein** Selective staining method for identifying elastin protein	100	1103
PANO-KPR-100	**Panoptic, rapid** Differential staining method for blood cells	100	1219
SCHF-K01-100	**Periodic Acid Schiff (P.A.S.)** Detection of polysacharides in tissues	100	1952
TRIC-KVG-100	**Van Gieson, Trichrome** Detection of abnormal elastic tissue	100	1514
HEMA-KWE-100	**Weigert, Hematoxylin** Nuclear staining resistant to decolorization by acidic staining solutions	100	1437
FUCH-KZN-100	**Ziehl-Neelsen** Identification of acid-fast organisms, mainly Mycobacteria	100	1565











LABKEM DYES FOR HISTOLOGY AND MICROBIOLOGY

The range covers a wide variety of high-quality products, both for common stains and special tissues. Its format of ready-to-use solutions allows to speed up the staining process.

- Ready-to-use
- Reproducible results
- Up to 100 tests per kit
- Regular stains and special staining techniques

Motic

"BIOLOGICAL MICROSCOPE, SFC-100

Monocular head, inclined at 45 degrees and rotating 360°. Widefield WF10X/18mm eyepiece with built-in pointer. Achromatic DIN objectives 4X, 10X, 40X S. Coarse and fine focusing adjustment. 0.65NA fixed condenser. Iris diaphragm with filter holder. LED 20 mA, 3.5 V, 70 mW illumination, with intensity control. Cover included. Main supply 100-240 V (CE), batteries and charger included. Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

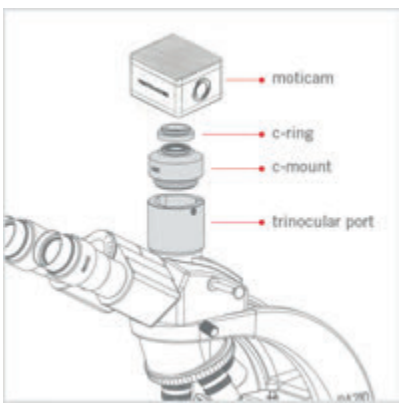
reference	description	pcs/pack	price/pack kr
BM01-L01-001	microscope SFC-100 F LED (LED illumination)	1	3190
Accessories and spare parts			
BMAC-111-001	micrometer eyepiece WF 10X/18 mm, 100 divisions in 10 mm	1	1045
BMAC-069-001	achromatic objective 60X/0.85/S	1	831
BMAC-018-001	achromatic objective 100X/1.25/S-oil	1	837

Motic

"BIOLOGICAL MICROSCOPES, 18 LED AND 28 LED CORDLESS

Monocular, binocular or trinocular head (according to model), 45° inclined and 360° rotating. Widefield WF10X/18 mm eyepiece. Quadruple nosepiece with achromatic EA objectives 4X, 10X and 40X S. Separate (1802 model) or coaxial (2820 & 2823 models) coarse and fine focusing system. Built in low position coaxial mechanical stage. Focusable 1.25 N.A. Abbe condenser. Iris diaphragm with filter holder. LED 20 mA, 3.5 V, 70 mW illumination with intensity control. Dust cover included. Main supply 100-240 V (CE), batteries and charger included. Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM15-L01-001	microscope 1802 LED (monocular head)	1	6102
BM16-L02-001	microscope 2820 LED (binocular head)	1	8909
BM16-L03-001	microscope 2823 LED (trinocular head)	1	10848
Accessories and spare parts			
BMAC-068-001	widefield eyepiece WF 15X/12 mm	1	488
BMAC-112-001	micrometer eyepiece WF 10X/18 mm, 100 divisions in 10 mm	1	1116
BMAC-070-001	achromatic objective EA 60X/0.85/S	1	863
BMAC-019-001	achromatic objective EA 100X/1.25/S-oil	1	863
BMAC-113-001	camera adapter 0.5X C-type (for 2823 LED model)	1	1135



Moticam S cameras must be attached to the trinocular port using a **C-mount adapter**.

These adapters are specific to each sensor size and must be purchased separately depending on the equipment and camera of your choice.

"BIOLOGICAL MICROSCOPE, ECOLINE

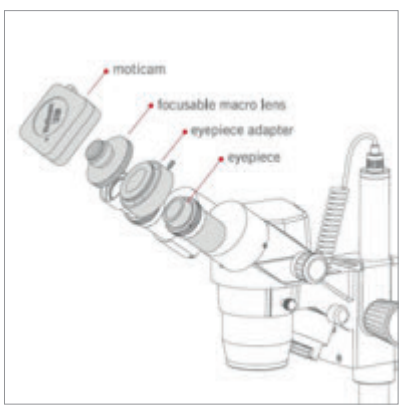
Monocular or binocular head (according to model), 45° inclined and 360° rotating. Widefield WF10X/18 mm eyepiece. Quadruple nosepiece with achromatic DIN objectives 4X, 10X, 40X S and 100X S-Oil . Coarse and fine focusing adjustment. Focusable 1.25 NA Abbe condenser. Built in low position coaxial mechanical stage. Iris diaphragm with filter holder. LED illumination with intensity control. Main supply 110-240 V (CE). Warranty 2 years on optical and mechanical components

reference	description	pcs/pack	price/pack kr
BM50-L01-001	microscope Ecoline C10 (monocular head)	1	5913
BM50-L02-001	microscope Ecoline C20 (binocular head)	1	7303
Accessories and spare parts			
BMAC-068-001	widefield eyepiece WF 15X/12 mm	1	488

"BIOLOGICAL MICROSCOPE, B1 ELITE

Monocular, binocular or trinocular head (according to model), 45° inclined and 360° rotating. Widefield WF10X/18 mm eyepieces. Quadruple revolving nosepiece with achromatic Semi-Plan SP objectives 4X, 10X, 40X S and 100X S-Oil. Coaxial coarse and fine focusing system. Low position coaxial mechanical stage. Focusable 1.25 N.A. Abbe condenser. Iris diaphragm with filter holder. LED illumination 3W with intensity control. Dust cover and immersion oil included. Main supply 220-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM03-L01-001	microscope B1-211E SP (monocular head)	1	8358
BM03-L02-001	microscope B1-220E SP (binocular head)	1	10867
BM03-L03-001	microscope B1-223E SP (trinocular head)	1	13728
Accessories and spare parts			
BMAC-068-001	widefield eyepiece WF 15X/12 mm	1	488
BMAC-194-001	Semi-Plan objective SP60X/0,85/S	1	991
BMAC-116-001	10X phase contrast attachment	1	1342
BMAC-117-001	40X phase contrast attachment	1	1342
BMAC-118-001	phase centering telescope, Ø23.2 mm	1	1534
BMAC-119-001	darkfield attachment (max. 400X)	1	751
BMAC-083-001	0.5X C-mount camera adapter for 1/3" chip sensors	1	1135
BMAC-084-001	0.6X C-mount camera adapter for 1/2" chip sensors	1	1091



The Moticam A cameras are compatible with the eyepieces of microscopes and stereomicroscopes.

There is no need to purchase any additional adapters; everything required to use these cameras with monocular and binocular microscopes is included in the box.

“PETROGRAPHIC MICROSCOPE, PM-18 LED

Monocular or binocular head 45° inclined and 360° rotating. Widefield WF 10X/18 mm eyepieces with cross reticle. Reversed quadruple revolving nosepiece with achromatic objectives EA 4X, 10X and 40X S. Coaxial coarse and fine focusing adjustment. Working table rotating from 0–360° with graduation to 1°. Focusable 1.25 N.A. Abbe condenser. Iris diaphragm with filter holder. Includes a swing in/out analyser and polarizer. Halogen illumination 12V/20W with intensity control. Dust cover included. Supply 220-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
PM01-H01-001	petrographic microscope PM-1805 LED (monocular head)	1	7993
PM01-H02-001	petrographic microscope PM-1820 LED (binocular head)	1	11140

“HIGH-END BIOLOGICAL MICROSCOPE, BA-210 LED AND BA-210 LED DIGITAL

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. For digital model only: binocular head, Siedentopf type, 30° inclined with built-in digital camera CMOS 1/2” chip 2048 x 1536 pixels with USB 2.0 output. Widefield N-WF10X/20 mm eyepieces. Reversed quadruple nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) EC Plan 4X, EC Plan 10X, EC Plan 40X Spring and EC Plan 100X Spring-Oil. Coaxial coarse and fine focusing with tension adjustment. Low position coaxial mechanical stage with controls at right side. Focusable 1.25 N.A. Abbe condenser with iris diaphragm and slot. Blue filter Ø45 mm, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Digital model includes calibration slide and Motic Images Plus 3.0 Software for PC and Mac. LED illumination 3W with intensity control. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM11-L12-001	microscope BA-210 LED (binocular head)	1	16013
BM11-L13-001	microscope BA-210 LED (trinocular head)	1	19225
BM11-LD2-001	digital microscope BA-210 LED (binocular head)	1	33976
Accessories and spare parts			
BMAC-094-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	735
BMAC-195-001	CCIS EC Plan achromatic objective 20X/0,40	1	1550
BMAC-196-001	CCIS EC Plan achromatic objective 60X/0,80 S	1	2157
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	2493
Accessories for phase-contrast			
BMAC-124-001	CCIS plan phase objective (+) EC-H Ph10X/0.25	1	2829
BMAC-126-001	CCIS plan phase objective (+) EC-H Ph40X/0.65/S	1	5513
BMAC-082-001	3-position phase slider for PH10X, PH40X, BF	1	1294
BMAC-089-001	phase-contrast slider PH2 (for objective Ph40X)	1	1007
BMAC-090-001	phase centering telescope	1	2034
BMAC-091-001	dark field slider (10X-40X)	1	1135
Accessories for polarization			
BMAC-122-001	simple add on analyzer	1	562
BMAC-123-001	simple add on polarizer	1	575

"HIGH-END BIOLOGICAL MICROSCOPE, BA-310 LED AND BA-310 LED DIGITAL

Motic

CE

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. For digital model only: binocular head, Siedentopf type, 30° inclined with built-in digital camera CMOS 1/2" chip 2048 x 1536 pixels with USB 2.0 output. Widefield high eyepoint N-WF10X/20 mm eyepieces with dioptric adjustment in both eyepieces. Reversed quintuple revolving nosepiece with CCIS Plan Achromatic objectives (Colour Corrected Infinity System) EC Plan 4X, EC Plan 10X, EC Plan 40X S and EC Plan 100X S-Oil. Coaxial coarse and fine focusing with tension adjustment. Low position coaxial mechanical stage with controls at right side. Focusable 1.25 N.A. Abbe condenser with iris diaphragm and slot. Blue filter Ø45 mm, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Digital model includes calibration slide and Motic Images Plus 3.0 Software for PC and Mac. Koehler LED illumination 3W with intensity control. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM17-L12-001	microscope, BA-310 LED, binocular head	1	24024
BM17-L13-001	microscope, BA-310 LED, trinocular head	1	25426
BM17-LD2-001	microscope, BA-310 LED Digital, binocular head	1	45886
Accessories and spare parts			
BMAC-094-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	735
BMAC-195-001	CCIS EC Plan achromatic objective 20X/0,40	1	1550
BMAC-196-001	CCIS EC Plan achromatic objective 60X/0,80 S	1	2157
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	2493
Accessories for phase-contrast			
BMAC-124-001	CCIS plan phase objective (+) EC-H Ph10X/0.25	1	2829
BMAC-125-001	CCIS plan phase objective (+) EC-H Ph20X/0.45	1	3356
BMAC-126-001	CCIS plan phase objective (+) EC-H Ph40X/0.65/S	1	5513
BMAC-127-001	CCIS plan phase objective (+) EC-H Ph100X/1.25/S-Oil	1	8086
BMAC-128-001	5 position (BF, DF, PH1, PH2, PH3) turret condenser	1	6888
BMAC-090-001	phase centering telescope	1	2034
Accessories for polarization			
BMAC-129-001	simple add on analyzer	1	575
BMAC-123-001	simple add on polarizer	1	575

LBG

We offer three ranges of slides depending on your needs.

In addition, we complete the offer with cover glasses and accessories for storage and staining.

see p. 41-44

"HIGH-END BIOLOGICAL MICROSCOPE, BA-410E

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. Widefield high eyepoint WFPL10X/20 mm eyepieces with dioptric adjustment and protectors in both eyepieces. Reversed sextuple nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) EC-H. Plan 4X, 10X, 40X S and 100X S-Oil. Coaxial coarse and fine focusing with tension adjustment. Rackless low position coaxial mechanical stage with controls at right side and sample holder, ceramic insert. Achromat swing-out condenser N.A. 0.90 with iris diaphragm. Blue filter Ø45 mm, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Koehler halogen illumination 12V/50W with external lamp house and intensity control. Auto-OFF and Light Memory function. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM28-H02-001	biological microscope, BA-410E, binocular head	1	57068
BM28-H03-001	biological microscope, BA-410E, trinocular head	1	60600
Accessories and spare parts			
BMAC-094-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	735
BMAC-173-001	quartz halogen lamp 12V/50W	1	272
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	2493

"PROFESSIONAL PETROGRAPHIC MICROSCOPE, BA-310 POL

Binocular head or trinocular head Siedentopf type, 30° inclined (Light split 100:0/20:80). Widefield high eyepoint N-WFPL10X/20 mm eyepieces with dioptric adjustment and protectors in both eyepieces. Crosshair reticle on one eyepiece. Intermediate tube with rotatable analyzer 360° and Bertrand lens. Empty insertion plate. Reversed quadruple revolving nosepiece, single positions centrable. CCIS EC Plan Strain-free objectives EC PL 4X, 10X, 40X S, 60X S. Coaxial coarse and fine focusing with tension adjustment. 360° circular rotating stage. Achromat swing-out condenser N.A. 0.90/0.13 (strain-free) with iris diaphragm. Rotatable polarizer, fixed on condenser carrier. Koehler illumination quartz halogen 6V/30W with intensity control. Universal supply 100-240 V (CE). 45mm blue filter, power cord, Allen hexagonal key, vinyl dust cover. Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM30-H02-001	microscope MOTIC BA-310 POL, binocular	1	60297
BM30-H03-001	petrographic microscope MOTIC BA-310 POL, trinocular (20:80)	1	63413

labkem

The Labkem reagent range includes stains and dyes in both solid and solution formats, as well as ready-to-use kits.

Go through the Microbiology and Pathology chapter to discover our range of products.

see p. 52-59

"METALLURGICAL MICROSCOPE, BA310 MET AND BA310MET-T

Motic

CE

Two models are available: BA310 MET (Reflected light system) and BA310MET-T (Reflected & Transmitted light system). Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. Widefield high eyepoint WFPL10X/20 mm eyepieces with dioptric adjustment and protectors in both eyepieces. Reversed quintuple revolving nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) LM PL 5X, 10X, 20X, 50X. Coaxial coarse and fine focusing system. Mechanical stage 180 x 140 mm, hard coated with built-in low position coaxial stage control. Focusable 1.25 N.A. Abbe condenser with iris diaphragm (model BA310 MET-T). Blue filter Ø45 mm, dust cover, hexagonal Allen key. Epi-illuminator 12V/50W quartz halogen with integrated field and aperture diaphragms and external lamp house. Transmitted Koehler illumination quartz halogen with 6V/30W with intensity control (model BA310 MET-T). Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
MM01-H02-001	microscope BA310 MET (binocular head)	1	58555
MM01-H03-001	microscope BA310 MET (trinocular head)	1	61831
MM02-H02-001	microscope BA310 MET-T (binocular) - Reflected & transmitted light	1	63557
MM02-H03-001	microscope BA310 MET-T (trinocular) - Reflected & transmitted light	1	66865
Accessories and spare parts			
BMAC-174-001	slideglass holder for BA310 MET-T	1	831
BMAC-175-001	CCIS LM Plan achromatic objective LM PL 100X/0.8 (WD=2mm)	1	14367
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	2493
Accessories for polarization			
BMAC-177-001	simple add on analyzer	1	527
BMAC-178-001	simple add on polarizer	1	799

HOW TO ADJUST THE MICROSCOPE TO THE DIOPTRES

The dioptre adjustment compensates any differences in vision between the left and right eye

1 - Look through the eyepiece on the right side with your right eye

2 - Focus the image by using the fine and or coarse focusing adjustment knobs until the image of the specimen is sharp

3- Then look through the eyepiece on the left with your left eye. Use the dioptre's adjustment ring to focus to focus the sample until the image is sharp

The microscope is now ready for perfect binocular viewing providing an accurate visualisation of the specimen

“HIGH-END BIOLOGICAL INVERTED MICROSCOPE, AE-2000

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. Widefield high eyepoint N-WF10X/20 mm eyepieces with dioptric adjustment and protectors in both eyepieces. Side facing quadruple nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) PL4X and CCIS Plan Achromatic Phase objectives PL Ph10X (Ph1) and LWD PL Ph20X (Ph 1). ELWD condenser N.A. 0.30. Phase slider Ph1, BF, Ph2Phase centering telescope. Plain stage with metal and glass stage inserts. Ø 45 mm blue, green interference and neutral density filters with filter slider, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Quartz halogen illumination 6V/30W with intensity control and sleeping mode. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
BM31-H02-001	biological microscope, AE2000, binocular head	1	40352
BM31-H03-001	biological microscope, AE2000, trinocular head	1	47767
Accessories and spare parts			
BMAC-130-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	735
BMAC-159-001	CCIS® Plan achromatic Phase objective LWD PL Ph 40X/0.5 (WD=3.0mm) Ph1	1	5370
BMAC-081-001	0.5X C-mount camera adapter for 1/3'' and 1/2''	1	2493

“STEREOMICROSCOPE, ST-30C

Binocular head 45° inclined. Widefield WF10X/20mm eyepieces. Turret-type magnification changer with 2X and 4X objectives. Incident and transmitted (according to model) tungsten 12V/10W or LED 20 mA, 3.5V, 70 mW illumination. Dust cover included. Supply 220-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
SM01-TT2-001	stereomicroscope ST-30C-12LOO (tungsten illumination)	1	3086
SM01-LL2-001	stereomicroscope ST-30C-6LED Cordless (LED illumination)	1	3853
Accessories and spare parts			
BMAC-132-001	micrometer eyepiece WF 10X/20 mm, 100 divisions in 10 mm	1	1135

LENS AND OPTICAL ELEMENTS CLEANING TISSUE

In packs of 100 sheets

reference	l (mm)	w (mm)	weight/surface	pcs/pack	price/pack kr
LENS-100-100	100	150	11 g/m^2	100	57

IMMERSION OIL FOR MICROSCOPY

To be placed between the surface of the sample and the lens of the microscope to eliminate the deflection of the beam of light and improve the effectiveness of the lens considerably. Refractive index (nD) at 25°C between 1.472 and 1.480 and viscosity at 40°C between 99 and 120 cSt

reference	type	package	price/pack kr
MOIL-T02-100	immersion oil	100 ml	197

"STEREOMICROSCOPE, SMZ-160

Motic

Greenough zoom optical system. Binocular or trinocular head (according to model) 45° inclined and 360° rotating. Widefield WF10X/20 mm eyepieces. Zoom ratio 6:1 and magnification range 0,75X-4,5X. 100 mm working distance. R2LED: base stand with pole and head holder and incident and transmitted illumination. Incident LED 3W illumination with intensity control. Dust cover included. Supply 220-240 V (CE). 5 years warranty on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
SM05-HN2-001	stereomicroscope SMZ-160 (binocular head)	1	12529
SM05-HN3-001	stereomicroscope SMZ-160 (trinocular head)	1	14335
Accessories and spare parts			
BMAC-132-001	micrometer eyepiece WF 10X/20 mm, 100 divisions in 10 mm	1	1135
BMAC-104-001	0.4X C-mount camera adapter for 1/4" and 1/3" chip sensors	1	895
BMAC-136-001	0.5X C-mount camera adapter for 1/2" and 2/3" chip sensors	1	895
BMAC-135-001	2X adapter for SLR	1	1135

"DIGITAL STEREOMICROSCOPE, DM-143-FBGG

Motic

Greenough zoom optical system. Binocular head 45° inclined with built-in digital camera CMOS 1/2" chip 2048 x 1536 pixels with USB 2.0 output. Widefield WF10X/20 mm eyepieces. Zoom ratio 4:1 and magnification range 1X-4X. 80 mm working distance. FBGG: pole type stand with large working base. Coarse focusing system with tension adjustment. Incident and transmitted halogen 12V/10W illumination with intensity control. Dust cover and calibration slide included. Motic Images Plus 3.0 Software for PC and Mac. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
SM11-HH2-001	digital stereomicroscope DM-143-FBGG-C	1	24146
Accessories and spare parts			
BMAC-132-001	micrometer eyepiece WF 10X/20 mm, 100 divisions in 10 mm	1	1135

"STEREOMICROSCOPE, SMZ-171

Motic

Greenough zoom optical system. Binocular or trinocular head (according to model) 45° inclined and 360° rotating. Widefield WF10X/23 mm eyepieces. Zoom ratio 6.7:1 and magnification range 0.75X-5X. 110 mm working distance. Base (according to model): 2113 (without illumination) or 2111 (with LED illumination with intensity control). Coarse focusing system with tension adjustment. Dust cover included. Supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack kr
SM07-1BP-001	SMZ-171-BP (binocular head / without illumination)	1	16141
SM07-1BL-001	SMZ-171-BLED (binocular head / with illumination)	1	20600
SM07-1TP-001	SMZ-171-TP (trinocular head / without illumination)	1	17355
SM07-1TL-001	SMZ-171-TLED (trinocular head / with illumination)	1	21814
Accessories and spare parts			
BMAC-092-001	micrometer eyepiece WF 10X/23 mm, 140 divisions in 14 mm	1	1806
BMAC-137-001	0.35X C-mount camera adapter for 1/4" chip sensors	1	1534
BMAC-078-001	0.45X C-mount camera adapter for 1/3" chip sensors	1	1534
BMAC-110-001	0.65X C-mount camera adapter for 1/2" and 2/3" chip sensors	1	1534

"OPTICAL FIBRE ILLUMINATION SYSTEM, MLC-150

Local / remote commuter with intensity control. Intensity remote control (2 m). LED reading of colour temperature. Universal supply 100-240 V (CE). Warranty 2 years. Delivery time 2 weeks

reference	description	pcs/pack	price/pack kr
BMAC-065-001	MLC-150 optical fibre illuminator	1	7048
Accessories and spare parts			
BMAC-138-001	21 V/150 W halogen bulb for MLC-150	1	1231
BMAC-139-001	blue filter for MLC-150	1	623

"LIGHT GUIDES FOR ILLUMINATION SYSTEM, MLC-150

Gooseneck 1 or 2-arms light guide in optical fibre. 0.5 m length and 200 mm bending radius. Delivery time 2 weeks

reference	description	pcs/pack	price/pack kr
BMAC-066-001	gooseneck 1-arm light guide	1	1998
BMAC-067-001	gooseneck bifurcated light guide	1	3116

"DIGITAL CAMERAS WITH USB OUTPUT, MOTICAM A

Attachable C-mount digital camera for microscopy with USB 2.0 output. Focusable macro lens. Eyepiece couplers for connection to the most common microscope eyepieces (of any brand). Calibration slide included. Motic Images Plus 3.1 Software for image capture and edition with Windows (multilanguages software, English included) and Mac (only in English). 2 years warranty. Delivery time 3-4 weeks

reference	description	pcs/pack	price/pack kr
CM05-0A1-001	MOTICAM A1, sCMOS 1/3.1", 1280 x 720 pixels, 1MP	1	3484
CM05-0A2-001	MOTICAM A2, sCMOS 1/3.1", 1280 x 720 pixels, 2MP	1	5082
CM05-0A5-001	MOTICAM A5, sCMOS 1/2.8", 2592 x 1944 pixels, 5MP	1	6760
CM05-0A8-001	MOTICAM A8, sCMOS 1/3", 3840 x 2160 pixels, 8MP	1	7271

"DIGITAL CAMERAS WITH USB OUTPUT, MOTICAM S

Attachable C-mount digital camera for microscopy with USB 3.1 output. Only compatible with trinocular port. Calibration slide included. Motic Images Plus 3.0 Software for image capture and edition with Windows (multilanguages software, English included) and Mac (only in English). 2 years warranty. Delivery time 2 weeks

reference	description	pcs/pack	price/pack kr
CM05-S01-001	digital camera MOTICAM S1 (sCMOS 1/3")	1	7688
CM05-S03-001	digital camera MOTICAM S3 (sCMOS 1/2.8")	1	9641
CM05-S06-001	digital camera MOTICAM S6 (sCMOS 1/1.8")	1	11297
CM05-S12-001	digital camera MOTICAM S12 (sCMOS 1/1.7")	1	16068

"FULLHD HDMI CAMERA, MOTICAM 1080N AND MOTICAM 1080N BMH

FullHD camera for microscopy with HDMI (1080p) output, USB output and 1920x1080 pixels resolution in real time. Images can be captured directly onto an SD card at 6 Mp resolution. Screen: LCD 11,6'' Full HD (available only for MOTICAM 1080N BMH). Software On Board (allows you to control the camera parameters by connecting a mouse to the USB). Eyepiece couplers for connection to the most common microscope eyepieces of any brand. Focusable macro lens. Calibration slide included. Motic Images Plus 3.1 Software for image capture and edition with Windows and MAC (multilanguages software).
2 years warranty. Delivery time 3-4 weeks

reference	description	pcs/pack	price/pack kr
CM10-HN1-001	Moticam 1080N, CMOS IMX307, 1/2.8", 6MP	1	17739
CM10-HN2-001	Moticam 1080N BMH with 11.6" FullHD screen	1	24099

"WI-FI DIGITAL CAMERA, MOTICAM X5 PLUS

Digital camera for microscopy with Wi-Fi output (2.4 or 5 GHz), Ethernet with an attachable C-mount. Live resolution: FullHD (1920 x 108 pixels). Still resolution: 4.0MP. Sensor: CMOS. Optical calculation: 1/3". Focusable lens: 12mm. 2 variable diameter eyepiece adaptors. Macrotube for specimens observation. USB supply. Motic Images Plus 3.0 for PC and Mac. Motic 4-dot calibration slide. Operating system: Windows, Mac OSX, Android and iOS. Supply 100V-240V (CE). Warranty 2 years. Delivery time 2 weeks

reference	description	pcs/pack	price/pack kr
CM08-0X5-001	Wi-Fi digital camera MOTICAM X5 PLUS	1	8856

"DIGITAL CAMERA WITH WIFI CONNECTION AND BRACKET FOR TABLETS, MOTICAM BTI

Adaptative digital camera with an attachable C-mount. Built-in bracket for tablets from 7" to 10" (Tablet not included. Users can use their own tablet and connect through Wi-Fi). Sensor type: CMOS. Sensor size: 1/3". Live resolution: 1920 x 1080 pixels. Image capture resolution: 4.0MP. Output: WiFi (2,4 or 5,0 GHz). Motic Images Plus 3.0 for Windows, OSX and Linux. Motic 4-dot calibration slide. Power Supply 100V-240V (CE). 2 years warranty. Delivery time 3 - 4 weeks

reference	description	pcs/pack	price/pack kr
CM11-00X-001	Wi-Fi digital camera with tablet support MOTICAM BTX	1	9414

CRYOTUBE WITH SCREW CAP *BASIC LINE*

Made of polypropylene with silicone-rubber lined cap. Conical bottom and skirt. With exterior screw. Can withstand temperatures from -70 °C up to +120 °C

reference	capacity	Ø (mm)	Ø stopper (mm)	h (mm)	type	pcs/pack	price/pack kr
CRTP-018-500	1,8 ml	11	13	46	graduated, blue cap	500	546
CRTP-R18-500	1,8 ml	11	13	46	graduated, red cap	500	546
CRTP-N18-500	1,8 ml	11	13	46	graduated, orange cap	500	546
CRTP-040-500	4 ml	12,5	15	53	without graduation	500	614
"Saving package"							
CRTP-018-10K	1,8 ml	11	13	46	graduated, blue cap	20 x 500	8736
CRTP-R18-10K	1,8 ml	11	13	46	graduated, red cap	20 x 500	8736
CRTP-N18-10K	1,8 ml	11	13	46	graduated, orange cap	20 x 500	8736

CRYOTUBE WITH SCREW CAP, STERILE *STANDARD LINE*

PP tube/HDPE Closure. Medical grade resin compliant with USP class VI. Leak proof with easy 3/4 turn and final 1/4 turn for perfect seal. Packed in resealable bags. Highly visible graduations and labeling area. Star foot design. Certified DNase, RNase and pyrogen-free. Withstand temperatures from -196 °C up to 40 °C. With exterior screw. Sterilized by gamma irradiation. Free sterilization certificate available on the website

reference	capacity	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
CRTT-010-025	1,0 ml	12	35	printed graduation, sterile	25	65
CRTT-018-025	1,8 ml	12	48	printed graduation, sterile	25	76
CRTT-045-010	4,5 ml	12	90	printed graduation, sterile	10	39

CRYOTUBES WITH INNER THREAD FOR 10X10 CRYOBOXES, *PREMIUM LINE*

Straightline design allows to be stored in standard 10x10 cryo boxes giving 23% additional storage capacity. Single-handed quick seal, closure allows tightening or removal with just half turn avoiding long-term injuries to the user. Star-foot stand makes it compatible with common working stations on the market. Specially designed cap with lip seal feature, 100% leak proof. Cap and tube are made of FDA-approved medical grade polypropylene with the same coefficient of expansion enhancing leak proof qualities within the temperature range (-196 °C to +120 °C). Autoclavable. RNase and DNase free. Manufactured in a clean room environment, ISO-9001, ISO-14001 and ISO-13485. Sterilized according to ISO 11137-2:2013 “Sterility Assurance Level” (SAL) by standard products 10^{-6} . Free sterilization certificate available on the website

reference	capacity	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
CRTH-S10-050	1 ml	12,3	41,0	sterile, with writing area	50	116
CRTH-N20-100	2 ml	12,08	47,6	non sterile, with writing area	100	232
CRTH-S20-050	2 ml	12,08	47,6	sterile, with writing area	50	188
CRTH-S40-025	4 ml	12,4	70,3	sterile, with writing area	25	72
CRTH-S50-025	5 ml	12,4	91,3	sterile, with writing area	25	80
“Saving package”						
CRTH-N20-1K0	2 ml	12,08	47,6	non sterile, with writing area	10 x 100	2048

CRYOGENIC LABELS, ROUND

astiK's

Labels for cryogenic storage purposes. Round shape. Withstand extreme cold temperatures from -196 °C - 121°C. Special material engineered to expand and contract with dramatic temperature changes. Permanent adhesive. Available in rolls in various sizes of one colour or assorted. Can be written on with a pen, pencil, or permanent marker without smearing

reference	Ø (mm)	description	pcs/pack	price/pack kr
CRLA-D1W-1K0	9,5	for 0,5-1,5 ml tubes, white	1000	263
CRLA-D1B-1K0	9,5	for 0,5-1,5 ml tubes, blue	1000	263
CRLA-D1R-1K0	9,5	for 0,5-1,5 ml tubes, red	1000	263
CRLA-D1A-5K0	9,5	for 0,5-1,5 ml tubes, assorted	5000	1060
CRLA-D2W-1K0	13	for 1,5-2 ml tubes, white	1000	367
CRLA-D2B-1K0	13	for 1,5-2 ml tubes, blue	1000	367
CRLA-D2R-1K0	13	for 1,5-2 ml tubes, red	1000	367
CRLA-D2A-5K0	13	for 1,5-2 ml tubes, assorted	5000	999
CRLA-D3W-1K0	19	for 15-50 ml tubes, white	1000	428
CRLA-D4W-500	25	for 50 ml tubes, white	500	428

CRYOGENIC LABELS, RECTANGULAR

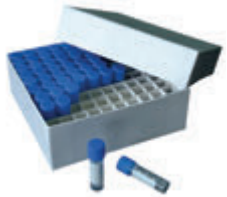
astiK's

Labels for cryogenic storage purposes. Rectangular shape. Withstand extreme cold temperatures from -196 °C - 121 °C. Special material engineered to expand and contract with dramatic temperature changes. Permanent adhesive. Available in rolls in various sizes of one colour or assorted. Can be written on with a pen, pencil, or permanent marker without smearing

reference	dimensions (mm)	description	pcs/pack	price/pack kr
CRLA-L1W-1K5	21 x 7	for 0,5 ml tubes, white	1500	367
CRLA-L2W-1K0	24 x 13	for 0,5 ml tubes, white	1000	367
CRLA-L3W-1K0	33 x 13	for 1,5/2 ml tubes, white	1000	367
CRLA-L3B-1K0	33 x 13	for 1,5/2 ml tubes, blue	1000	367
CRLA-L3R-1K0	33 x 13	for 1,5/2 ml tubes, red	1000	367

LIQUID NITROGEN HANDLING RECOMMENDATIONS

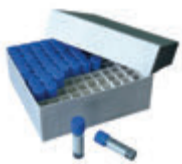
- Wear appropriate personal protective equipment (PPE) (face shield/goggles, insulated gloves)
- Only use containers & equipment designed for cryogenic liquids. The liquid turn into gas and raises the pressure in the container
- Never trap liquid nitrogen in a container, tubing or piping. Common materials such as plastic or glass can shatter when exposed to liquid nitrogen
- Use liquid nitrogen in well-ventilated areas as the gas could potentially displace oxygen posing a risk of asphyxiation



CARTON FREEZER BOX FOR CRYOTUBES UP TO 2 ml

Delivered already assembled. Suitable for use in ultrafreezers down to -80 °C

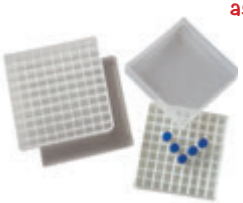
reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
CBOX-081-001	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) white	1	47
CBOX-R81-001	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) red	1	51
CBOX-B81-001	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) blue	1	51
CBOX-G81-001	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) green	1	51
CBOX-Y81-001	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) yellow	1	51
CBOX-N81-001	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) orange	1	44
CBOX-100-001	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) white	1	51
CBOX-10R-001	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) red	1	55
CBOX-10B-001	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) blue	1	55
CBOX-10G-001	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) green	1	55
CBOX-10Y-001	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) yellow	1	55
CBOX-10N-001	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) orange	1	48
"Saving package"						
CBOX-081-096	47	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) white	96	3602
CBOX-100-096	47	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) white	96	3924



CARTON FREEZER BOX FOR 4 ml CRYOTUBES

Delivered already assembled. Suitable for use in ultrafreezers down to -80 °C

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
CBOX-082-001	76	134	134	up to 81 tubes ($Ø_{max.}$ 14 mm) white	1	55
CBOX-101-001	76	134	134	up to 100 tubes ($Ø_{max.}$ 12 mm) white	1	55



PP FREEZER BOX FOR CRYOTUBES

Made of polypropylene. Autoclavable

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
FBXP-081-001	51	128	128	for 81 tubes up to 1.8 ml ($Ø_{max.}$ 12 mm)	1	89
FBXP-100-001	53	140	140	for 100 tubes up to 1.8 ml ($Ø_{max.}$ 12 mm)	1	98

PP FREEZER BOX FOR CRYOTUBES WITH NUMERICAL GRID ON LID

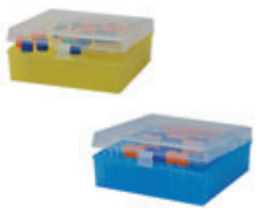
Made of polypropylene with alphanumeric numeration printed on lid and bottom

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
FBXP-B02-001	51	130	130	blue, for 81 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	100
FBXP-G02-001	51	130	130	green, for 81 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	100
FBXP-R02-001	51	130	130	red, for 81 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	100
FBXP-Y02-001	51	130	130	yellow, for 81 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	100
FBXP-B10-001	51	134	134	blue, for 100 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	108
FBXP-G10-001	51	134	134	green, for 100 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	108
FBXP-R10-001	51	134	134	red, for 100 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	108
FBXP-Y10-001	51	134	134	yellow, for 100 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	108

PP FREEZER BOX FOR CRYOTUBES WITH SNAP-ON LID

Made of polypropylene. Suitable for freezing (withstands temperatures from -130 °C up to +130 °C). 100 positions suitable for cryotubes up to 2 ml, microtubes 1,5 or 2 ml and chromatography vials 12 x 32 mm. Lid attached to the base with a hinge. Available in two versions: yellow base and clear lid or blue base and clear lid.
Autoclavable

astiK's

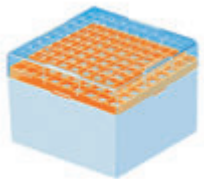


reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
FBXP-K03-001	50	140	140	clear/yellow, for 100 tubes ($Ø_{max.}$ 12 mm)	1	103
FBXP-K04-001	50	140	140	clear/blue, for 100 tubes ($Ø_{max.}$ 12 mm)	1	103

PC FREEZER STORAGE BOXES FOR CRYOTUBES WITH NUMERIC GRADUATION ON LID

Made of Polycarbonate (PC). Orange color. Withstands temperatures from -196 °C up to 121 °C. Printed grid on the lid. Autoclavable

astiK's



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
FBPC-N02-001	52	133	133	for 81 tubes up to 2 ml ($Ø_{max.}$ 12 mm)	1	115
FBPC-N04-001	82	133	133	for 81 tubes up to 4 ml ($Ø_{max.}$ 12 mm)	1	170
FBPC-N05-001	95	133	133	for 81 tubes up to 5 ml ($Ø_{max.}$ 12 mm)	1	198

RACKS FOR UPRIGHT FREEZERS

Made of stainless steel. For boxes of 135 x 135 mm. Delivery time 2 weeks

clink

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
RACV-33A-001	165	420	140	for 3 x 3 cryoboxes of 50 mm tall	1	1498
RACV-43A-001	223	420	140	for 4 x 3 cryoboxes of 50 mm tall	1	1794
RACV-53A-001	277	420	140	for 5 x 3 cryoboxes of 50 mm tall	1	2136
RACV-44A-001	223	560	140	for 4 x 4 cryoboxes of 50 mm tall	1	2251
RACV-54A-001	277	560	140	for 5 x 4 cryoboxes of 50 mm tall	1	2709
RACV-33B-001	245	420	140	for 3 x 3 cryoboxes of 75 mm tall	1	1533
RACV-34B-001	245	560	140	for 3 x 4 cryoboxes of 75 mm tall	1	1834
RACV-23C-001	200	420	140	for 2 x 3 cryoboxes of 95 mm tall	1	1271
RACV-24C-001	200	560	140	for 2 x 4 cryoboxes of 95 mm tall	1	1419
RACV-23D-001	265	420	140	for 2 x 3 cryoboxes of 125 mm tall	1	1368
RACV-24D-001	265	560	140	for 2 x 4 cryoboxes of 125 mm tall	1	1503

We can supply tailor-made sized racks for freezers. Kindly contact our **Customer Service**

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RACKS FOR UPRIGHT FREEZERS WITH REMOVABLE TRAYS

Made of stainless steel. For boxes of 135 x 135 mm. The removable trays allow to use the carton boxes without having to remove the complete rack. Delivery time 2 weeks

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
RACE-33A-001	170	440	140	for 3 x 3 cryoboxes of 50 mm tall	1	1872
RACE-43A-001	230	440	140	for 4 x 3 cryoboxes of 50 mm tall	1	2241
RACE-53A-001	285	440	140	for 5 x 3 cryoboxes of 50 mm tall	1	2669
RACE-44A-001	230	580	140	for 4 x 4 cryoboxes of 50 mm tall	1	2792
RACE-54A-001	285	580	140	for 5 x 4 cryoboxes of 50 mm tall	1	3254
RACE-33B-001	250	440	140	for 3 x 3 cryoboxes of 75 mm tall	1	1915
RACE-34B-001	250	580	140	for 3 x 4 cryoboxes of 75 mm tall	1	2292
RACE-23C-001	210	440	140	for 2 x 3 cryoboxes of 95 mm tall	1	1588
RACE-24C-001	210	580	140	for 2 x 4 cryoboxes of 95 mm tall	1	1772
RACE-23D-001	275	440	140	for 2 x 3 cryoboxes of 125 mm tall	1	1710
RACE-24D-001	275	580	140	for 2 x 4 cryoboxes of 125 mm tall	1	1878

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RACKS FOR CHEST FREEZERS

Made of stainless steel. For boxes of 135 x 135 mm. Delivery time 2 weeks

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
RACH-05A-001	280	140	140	for 5 cryoboxes of 50 mm tall	1	1047
RACH-07A-001	390	140	140	for 7 cryoboxes of 50 mm tall	1	1267
RACH-08A-001	445	140	140	for 8 cryoboxes of 50 mm tall	1	1420
RACH-09A-001	500	140	140	for 9 cryoboxes of 50 mm tall	1	1582
RACH-10A-001	555	140	140	for 10 cryoboxes of 50 mm tall	1	1719
RACH-11A-001	610	140	140	for 11 cryoboxes of 50 mm tall	1	1799
RACH-12A-001	665	140	140	for 12 cryoboxes of 50 mm tall	1	1993
RACH-13A-001	720	140	140	for 13 cryoboxes of 50 mm tall	1	2084
RACH-05B-001	405	140	140	for 5 cryoboxes of 75 mm tall	1	1078
RACH-06B-001	485	140	140	for 6 cryoboxes of 75 mm tall	1	1199
RACH-07B-001	565	140	140	for 7 cryoboxes of 75 mm tall	1	1365
RACH-08B-001	645	140	140	for 8 cryoboxes of 75 mm tall	1	1493
RACH-09B-001	725	140	140	for 9 cryoboxes of 75 mm tall	1	1585
RACH-04C-001	400	140	140	for 4 cryoboxes of 95 mm tall	1	1131
RACH-05C-001	500	140	140	for 5 cryoboxes of 95 mm tall	1	1336
RACH-06C-001	600	140	140	for 6 cryoboxes of 95 mm tall	1	1450
RACH-07C-001	700	140	140	for 7 cryoboxes of 95 mm tall	1	1626
RACH-04D-001	525	140	140	for 4 cryoboxes of 125 mm tall	1	1336
RACH-05D-001	655	140	140	for 5 cryoboxes of 125 mm tall	1	1493

ISOTHERMAL CONTAINER

astiK's

Polypropylene (PP) Isothermal container for intensive and professional use. The thermic insulation is ensured by injection of polyurethane between the container walls. Suitable for transporting substances where it is necessary to maintain a constant temperature. Blue/White. Bridge handle with safety blocking mechanism. Temperature range -40 °C to +80 °C

reference	capacity	internal dimensions (l x w x h)	external dimensions (l x w x h)	weight	pcs/pack	price/pack kr
ISOC-025-001	25 L	370 x 180 x 250 mm	420 x 250 x 350 mm	2 kg	1	1148
ISOC-032-001	32 L	390 x 230 x 270 mm	440 x 260 x 380 mm	2,5 kg	1	1374

EPS ISOTHERMAL BOX

astiK's

Expanded polystyrene (EPS) packaging, it optimally isolates products and, due to its thermal properties, guarantees the maintenance of the cold chain. High strength and reduced weight. 100% recyclable material. Not foldable

reference	capacity	internal dimensions (l x w x h)	external dimensions (l x w x h)	thickness	pcs/pack	price/pack kr
EPSB-035-001	3,5 L	165 x 165 x 130 mm	225 x 225 x 195 mm	30 mm	1	89
EPSB-047-001	4,7 L	270 x 140 x 125 mm	330 x 200 x 185 mm	30 mm	1	123
EPSB-073-001	7,3 L	270 x 165 x 165 mm	330 x 225 x 225 mm	30 mm	1	154

FLEXIBLE COLD ACCUMULATOR FOR POSITIVE TEMPERATURES

astiK's

For positive temperatures between 2 °C and 8 °C. Non-toxic gel. Without dyes or additives. Totally safe in case of spillage. Can be completely discarded into any conventional container as it requires no special treatment. Suitable for transporting pharmaceutical, biological, food, chemical, and, in general, for any product that requires temperature controlled during transport

reference	weight	dimensions (mm)	pcs/pack	price/pack kr
IGPK-250-006	250 g	170 x 125 x 30	6	138
IGPK-400-006	400 g	170 x 145 x 30	6	170

STIFF COLD ACCUMULATOR FOR POSITIVE TEMPERATURES

astiK's

For positive temperatures between 2 °C and 8 °C. Water based eutectic solution and non-toxic glycol. Format very resistant to compression, prevents deformation of the accumulator once frozen and possible breakage and spillage, allows intensive reuse. Can be completely discarded into any conventional container as it requires no special treatment. Suitable for transporting pharmaceutical, biological, food, chemical, and, in general, for any product that requires temperature controlled during transport

reference	weight	dimensions (mm)	pcs/pack	price/pack kr
ILPK-400-005	400 g	185 x 75 x 35	5	146

ICE BUCKET WITH LID, POLYURETHANE

astiK's

Blue color. Durable and rigid. Unbreakable in normal use. Convenient handle makes it easy to transport. Excellent insulating properties suitable for use with liquid nitrogen, dry ice, water ice, salt solution and acetone

reference	capacity	dimensions (mm)	pcs/pack	price/pack kr
ICEP-B01-001	2,5 L	283 x 283 x 130	1	1173
ICEP-B02-001	4,5 L	280 x 280 x 185	1	1807

astiK's

COOLER FOR CENTRIFUGE TUBES

Designed in PC to keep reagents and enzymes cool. Suitable for a multitude of centrifuge tubes. Red color. Capacity of 12 tubes of up to 15 ml, array of 3 x 4. Protects samples from temperature fluctuations. The base is filled with non-toxic gel. Will maintain temperature approximately for 1 hour on the bench. Freeze for 24 hours at - 5°C to -10 °C prior to use

reference	dimensions (mm)	type	pcs/pack	price/pack kr
CRYO-R12-001	197 x 140 x 190	3 x 4 array	1	1743

astiK's

COOLER FOR MICROTUBES

Designed in PC to keep reagents and enzymes cool. Suitable for a great range of microcentrifuge tubes. Capacity for 12 microtubes of up to 2 ml, array of 3 x 4. Protects samples from temperature fluctuations. The base is filled with non-toxic gel. Yellow color. Will maintain temperature approximately for 1 hour on the bench. Freeze for 24 hours at -20°C to -25 °C prior to use

reference	dimensions (mm)	type	pcs/pack	price/pack kr
CRYO-Y12-001	190 x 140 x 120	3 x 4 array	1	1201

astiK's

COOLER FOR PCR

This cooler is designed in polycarbonate (PC) to protect enzymes and solutions by maintaining them at temperatures between -20 °C and -15 °C up to 2 hours during sample preparations on the bench. Base is filled with non-toxic gel. Yellow color. The aluminum block has 96 (8 x 12) wells to hold tubes, strips or plates of 0,2ml. Freeze for 24hrs at -20 °C to -25 °C prior to use

reference	dimensions (mm)	type	pcs/pack	price/pack kr
CRYO-Y96-001	240 x 200 x 145	8 x 12 array	1	2878

PLASTIC RESISTANCE TO TEMPERATURE (FOR REGULAR USE)

Check the following table to find out the temperature ranges that the most commonly used plastics in laboratories and industry can stand

MATERIAL	RANGE
ABS	-40 °C to +85 °C
HDPE	-50 °C to +80 °C
PC	-100 °C to +135 °C
PE	-40 °C to +80 °C
PP	-10 °C to +120 °C
PS	-10 °C to +70 °C
PTFE	-200 °C to +260 °C
PVC	-20 °C to +80 °C
PVDF	-40 °C to +105 °C
LDPE	-50 °C to +75 °C
PA	-30 °C to +80 °C
PMMA	-40 °C to +85 °C
PMP	0 °C to +120 °C
POM	-40 °C to +90 °C
PET	-40 °C a +50 °C

labbox

GENERAL LABORATORY

LBG BEAKER SET, LOW FORM

Contains one unit of each of the following capacities: 50, 100, 250, 500 and 1000 ml. Graduated beakers with spout. Made of borosilicate glass LBG 3.3. According to DIN 12331, ISO 3819

reference	capacities	pcs/pack	price/pack kr
BKL3-KIT-001	50, 100, 250, 500, 1000 ml	1	179

LBG BEAKER, LOW FORM

Graduated, with spout. Made of borosilicate glass LBG 3.3. According to DIN 12331, ISO 3819

reference	capacity	$Ø_{ext}$ (mm)	h (mm)	pcs/pack	price/pack kr
BKL3-025-001	25 ml	34	54	1	10
BKL3-050-001	50 ml	42	62	1	11
BKL3-100-001	100 ml	50	72	1	15
BKL3-150-001	150 ml	60	82	1	18
BKL3-250-001	250 ml	70	97	1	18
BKL3-400-001	400 ml	80	113	1	27
BKL3-500-001	500 ml	85	118	1	28
BKL3-600-001	600 ml	90	128	1	33
BKL3-800-001	800 ml	100	138	1	44
BKL3-1K0-001	1000 ml	105	148	1	50
BKL3-2K0-001	2000 ml	130	188	1	78
BKL3-3K0-001	3000 ml	150	214	1	145
BKL3-5K0-001	5000 ml	170	274	1	252
"Saving package"					
BKL3-025-012	25 ml	34	54	12	98
BKL3-050-012	50 ml	42	62	12	113
BKL3-100-012	100 ml	50	72	12	120
BKL3-150-012	150 ml	60	82	12	155
BKL3-250-012	250 ml	70	97	12	179
BKL3-400-006	400 ml	80	113	6	127
BKL3-500-006	500 ml	85	118	6	134
BKL3-600-006	600 ml	90	128	6	157
BKL3-800-006	800 ml	100	138	6	212
BKL3-1K0-006	1000 ml	105	148	6	236
BKL3-2K0-012	2000 ml	130	188	12	892

BEAKERS AND ERLENMEYER FLASKS PER UNIT

Some of our most popular beakers and Erlenmeyer flasks are now also available per unit. Multi-unit packages are still available as “saving packages”. This novelty applies to our references BKL3, BKT3, EFN3, and EFW3.

BEAKER, LOW FORM

Made of 3.3 borosilicate glass (upper grade). Graduated and with spout. According to DIN 12331 and ISO 3819

reference	capacity	Ø ext (mm)	h (mm)	pcs/pack	price/pack kr
BKLG-025-010	25 ml	34	51	10	205
BKLG-050-012	50 ml	42	60	12	250
BKLG-100-012	100 ml	50	70	12	214
BKLG-150-010	150 ml	60	88	10	245
BKLG-250-012	250 ml	70	95	12	356
BKLG-400-010	400 ml	80	110	10	374
BKLG-600-006	600 ml	90	125	6	250
BKLG-1K0-006	1000 ml	105	157	6	499
BKLG-2K0-004	2000 ml	132	185	4	664
BKLG-3K0-001	3000 ml	152	210	1	410
BKLG-5K0-001	5000 ml	170	270	1	571
BKLG-10K-001	10000 ml	220	350	1	1568

BEAKER, TALL FORM

Graduated, with spout. Made of borosilicate glass LBG 3.3. According to DIN 12331, ISO 3819

reference	capacity	Ø ext (mm)	h (mm)	pcs/pack	price/pack kr
BKT3-050-001	50 ml	38	72	1	13
BKT3-100-001	100 ml	48	82	1	14
BKT3-150-001	150 ml	54	97	1	17
BKT3-250-001	250 ml	60	123	1	21
BKT3-400-001	400 ml	70	133	1	30
BKT3-500-001	500 ml	79	140	1	33
BKT3-600-001	600 ml	80	153	1	36
BKT3-800-001	800 ml	90	178	1	49
BKT3-1K0-001	1000 ml	95	183	1	56
BKT3-2K0-001	2000 ml	120	244	1	116
"Saving package"					
BKT3-050-012	50 ml	38	72	12	129
BKT3-100-012	100 ml	48	82	12	143
BKT3-150-012	150 ml	54	97	12	174
BKT3-250-012	250 ml	60	123	12	214
BKT3-400-006	400 ml	70	133	6	154
BKT3-500-006	500 ml	79	140	6	166
BKT3-600-006	600 ml	80	153	6	186
BKT3-800-006	800 ml	90	178	6	248
BKT3-1K0-006	1000 ml	95	183	6	292
BKT3-2K0-012	2000 ml	120	244	12	1238

BEAKER, TALL FORM

Made of 3.3 borosilicate glass (upper grade). Graduated, with spout. According to DIN 12331 and ISO 3819

reference	capacity	Ø ext (mm)	h (mm)	pcs/pack	price/pack kr
BKTG-050-010	50 ml	38	70	10	238
BKTG-100-010	100 ml	48	80	10	290
BKTG-250-010	250 ml	60	120	10	390
BKTG-600-008	600 ml	80	150	6	450

THICK-WALLED BEAKER, LOW FORM WITH DOUBLE CAPACITY SCALE

Made of 3.3 borosilicate glass. These beakers are stronger than standard beakers. High mechanical resistance thanks to a thick and reinforced wall, which is less prone to breakage during washing, has longer life time and increased user safety. Graduated and with spout. According to ISO 3819

reference	capacity	graduation	graduation range	pcs/pack	price/pack kr
BKLH-050-010	50 ml	5 ml	5 - 40 ml	10	196
BKLH-150-010	150 ml	15 ml	15 - 120 ml	10	444
BKLH-250-010	250 ml	25 ml	25 - 200 ml	10	505
BKLH-400-006	400 ml	25 ml	25 - 300 ml	6	412
BKLH-600-006	600 ml	50 ml	50 - 500 ml	6	436
BKLH-1K0-001	1000 ml	50 ml	100 - 900 ml	1	85
BKLH-2K0-001	2000 ml	100 ml	200 - 1800 ml	1	121
BKLH-4K0-001	4000 ml	250 ml	500 - 3500 ml	1	200

THICK-WALLED BEAKER, LOW FORM WITH DOUBLE CAPACITY SCALE

Made of 3.3 borosilicate glass (upper grade). These beakers are stronger than standard beakers. High mechanical resistance thanks to their thick and reinforced wall. They are less prone to breakage during washing, have a longer lifespan and provide increased user safety. Graduated and with a spout. According to ASTM E 438 and ASTM E 960. Caution: This glassware is not recommended for use on hot plates

reference	capacity	graduation	graduation range	pcs/pack	price/pack kr
BKLR-250-012	250 ml	25 ml	25 - 200 ml	12	970
BKLR-400-012	400 ml	25 ml	25 - 325 ml	12	1179
BKLR-600-006	600 ml	50 ml	100 - 500 ml	6	674
BKLR-1K0-006	1000 ml	50 ml	100 - 900 ml	6	1016
BKLR-2K0-004	2000 ml	200 ml	200 - 1800 ml	4	1627
BKLR-4K0-001	4000 ml	250 ml	250 - 3500 ml	1	791

BEAKER, PTFE

astiK's

Without graduations. Withstands temperatures up to 280 °C

reference	capacity	Ø ext (mm)	h (mm)	pcs/pack	price/pack kr
BKLT-025-001	25 ml	32	47	1	207
BKLT-050-001	50 ml	43	55	1	257
BKLT-100-001	100 ml	54	68	1	320
BKLT-250-001	250 ml	66	97	1	495
BKLT-500-001	500 ml	80	125	1	851
BKLT-1K0-001	1000 ml	100	155	1	1526
BKLT-2K0-001	2000 ml	120	210	1	2759

BEAKER, POLYPROPYLENE

astiK's

With raised graduations. Autoclavable at 121 °C. According to ISO 7056

reference	capacity	graduation	Ø ext (mm)	h (mm)	pcs/pack	price/pack kr
BKLP-025-012	25 ml	5 ml	35	50	12	84
BKLP-050-012	50 ml	5 ml	45	60	12	93
BKLP-100-012	100 ml	5 ml	55	70	12	103
BKLP-250-012	250 ml	10 ml	75	100	12	139
BKLP-500-012	500 ml	10 ml	95	120	12	223
BKLP-1K0-006	1000 ml	20 ml	115	150	6	172
BKLP-2K0-006	2000 ml	50 ml	145	185	6	342
BKLP-5K0-002	5000 ml	200 ml	180	260	2	294

BEAKER, LOW FORM, PMP

astiK's

Made of Polymethylpentene (PMP/TPX®). Higher transparency, chemical resistance and better heat tolerance than PP. Temperature range: -20 °C to +121 °C. Autoclavable. Easy to read silk screened graduations. Stackable. According to ISO 7056:1981

reference	capacity	graduation	Ø ext (mm)	h (mm)	pcs/pack	price/pack kr
BKLX-050-012	50 ml	5 ml	49,4	58,4	12	289
BKLX-100-012	100 ml	10 ml	63,2	72,5	12	357
BKLX-250-006	250 ml	25 ml	83,1	92,1	6	294
BKLX-600-004	600 ml	50 ml	110,3	131	4	336
BKLX-1K0-003	1000 ml	50 ml	129,4	149,2	3	426
BKLX-2K0-001	2000 ml	100 ml	158,5	190,2	1	281
BKLX-5K0-001	5000 ml	500 ml	202,9	260,5	1	482
BKLX-10K-001	10000 ml	1000 ml	255,4	326,6	1	944

clink

BEAKER, STAINLESS STEEL

With rim and spout. Without graduations. Reference BKLS-5KA-001 has a handle

reference	capacity	Ø inner (mm)	h (mm)	pcs/pack	price/pack kr
BKLS-100-001	100 ml	50	60	1	429
BKLS-250-001	250 ml	65	85	1	495
BKLS-500-001	500 ml	80	110	1	527
BKLS-1K0-001	1000 ml	100	130	1	570
BKLS-3K0-001	3000 ml	150	180	1	721
BKLS-5KA-001	5000 ml	180	210	1	960

LBG

ERLENMEYER FLASK, NARROW NECK

Graduated. Made of borosilicate glass LBG 3.3. According to DIN 12380, ISO 1773

reference	capacity	Ø base (mm)	h (mm)	Ø inner mouth (mm)	pcs/pack	price/pack kr
EFN3-025-001	25 ml	42	70	16	1	29
EFN3-050-001	50 ml	51	85	18	1	29
EFN3-100-001	100 ml	64	105	26	1	29
EFN3-250-001	250 ml	85	140	30	1	35
EFN3-500-001	500 ml	105	175	30	1	52
EFN3-1K0-001	1000 ml	131	220	38	1	86
EFN3-2K0-001	2000 ml	166	280	40	1	161
EFN3-3K0-001	3000 ml	187	310	44	1	266
EFN3-5K0-001	5000 ml	220	365	55	1	400
"Saving package"						
EFN3-025-012	25 ml	42	70	16	12	275
EFN3-050-012	50 ml	51	85	18	12	289
EFN3-100-012	100 ml	64	105	26	12	324
EFN3-250-012	250 ml	85	140	30	12	393
EFN3-500-008	500 ml	105	175	30	8	384
EFN3-1K0-006	1000 ml	131	220	38	6	481

ERLENMEYER FLASK, NARROW NECK

Graduated. Made of top quality 3.3 borosilicate glass. According to DIN 12380, ISO 1773

reference	capacity	Ø base (mm)	h (mm)	Ø outer mouth (mm)	pcs/pack	price/pack kr
EFNG-025-010	25 ml	42	75	22	10	199
EFNG-050-010	50 ml	51	90	22	10	230
EFNG-100-010	100 ml	64	105	22	10	251
EFNG-250-010	250 ml	85	145	34	10	351
EFNG-500-010	500 ml	105	180	34	10	485
EFNG-1K0-010	1000 ml	131	220	34	10	875
EFNG-2K0-006	2000 ml	166	280	50	6	954
EFNG-3K0-001	3000 ml	187	310	52	1	354
EFNG-5K0-001	5000 ml	220	365	52	1	532

ERLENMEYER FLASK, WIDE NECK

LBG

Graduated. Made of borosilicate glass LBG 3.3. According to DIN 12385

reference	capacity	Ø base (mm)	h (mm)	Ø outer mouth (mm)	pcs/pack	price/pack kr
EFW3-050-001	50 ml	51	85	34	1	40
EFW3-100-001	100 ml	64	105	34	1	44
EFW3-150-001	150 ml	72	120	50	1	45
EFW3-250-001	250 ml	85	140	50	1	54
EFW3-500-001	500 ml	105	175	50	1	80
EFW3-1K0-001	1000 ml	131	220	50	1	146
EFW3-2K0-001	2000 ml	166	275	72	1	226
EFW3-3K0-001	3000 ml	191	285	106	1	352
"Saving package"						
EFW3-050-012	50 ml	51	85	34	12	405
EFW3-100-012	100 ml	64	105	34	12	452
EFW3-150-012	150 ml	72	120	50	12	413
EFW3-250-010	250 ml	85	140	50	10	448
EFW3-500-008	500 ml	105	175	50	8	536
EFW3-1K0-006	1000 ml	131	220	50	6	718

ERLENMEYER FLASK, WIDE NECK

Graduated. Made of top quality 3.3 borosilicate glass. According to DIN 12385, EN ISO 24450

reference	capacity	Ø base (mm)	h (mm)	Ø outer mouth (mm)	pcs/pack	price/pack kr
EFWG-050-010	50 ml	51	85	34	10	251
EFWG-100-010	100 ml	64	105	34	10	312
EFWG-250-010	250 ml	85	145	50	10	438
EFWG-500-010	500 ml	105	180	50	10	641
EFWG-1K0-010	1000 ml	131	220	50	10	1087
EFWG-2K0-006	2000 ml	166	276	76	6	1128

ERLENMEYER FLASK WITH GL THREAD AND SCREW CAP

Made of top quality 3.3 borosilicate glass. With GL thread and screw cap with a PTFE joint. According to DIN 12380, ISO 1773

reference	capacity	Ø base (mm)	h (mm)	thread	pcs/pack	price/pack kr
EFS3-051-010	50 ml	51	85	GL 25	10	695
EFS3-101-010	100 ml	64	114	GL 25	10	850
EFS3-251-010	250 ml	85	143	GL 32	10	1171
EFS3-501-010	500 ml	105	183	GL 32	10	1452
EFS3-1K1-006	1000 ml	131	230	GL 32	6	1840

astiK's

ERLENMEYER, POLYPROPYLENE

With screw cap. Autoclavable at 121 °C

reference	capacity	Ø base (mm)	h (mm)	Ø out. mouth (mm)	Ø inn. mouth (mm)	description	pcs/pack	price/pack kr
EFSP-101-012	100 ml	65	110	35,8	32,3	graduated	12	301
EFSP-251-012	250 ml	85	150	48	44	graduated	12	446
EFSP-500-012	500 ml	106	185	48	44	non graduated	12	655

Kartell

ERLENMEYER FLASK, POLYPROPYLENE

Standardized neck. Ideal for general laboratory use. Autoclavable at 121 °C (15 - 20 min)

reference	capacity	graduation (mm)	mouth	Ø base (mm	h (mm)	pcs/pack	price/pack kr
EFJP-050-005	50 ml	5 ml	14/23	50	75	5	165
EFJP-125-005	125 ml	25 ml	14/23	65	105	5	272
EFJP-250-005	250 ml	25 ml	19/26	80	140	5	270
EFJP-500-002	500 ml	50 ml	24/29	100	185	2	160
EFJP-1K0-002	1000 ml	50 ml	29/32	130	235	2	298
EFJP-2K0-001	2000 ml	100 ml	29/32	160	260	1	241

CLOSED LEAD RING

Made of PVC coated steel. Designed to stabilize erlenmeyer flasks immersed in water

reference	Ø inside (mm)	Ø outer (mm)	weight (g)	type	pcs/pack	price/pack kr
WEIR-048-001	48	82	260	for 125 - 500 ml narrow neck flasks	1	78
WEIR-056-001	56	90	520	for 250 - 1000 ml narrow neck flasks	1	91
WEIR-061-001	61	95	830	for 500 - 2000 ml narrow neck flasks	1	114
WEIR-074-001	74	108	1000	for 1000 - 4000 ml narrow neck flasks	1	158

LBG

KJELDAHL FLASK

For nitrogen determination. Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h total (mm)	Ø mouth (mm)	pcs/pack	price/pack kr
NFL3-100-006	100 ml	60	200	22	6	358
NFL3-250-002	250 ml	81	270	34	2	170
NFL3-500-002	500 ml	101	300	34	2	260

LBG

BOILING FLASK, ROUND BOTTOM, NARROW NECK

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h total (mm)	Ø mouth (mm)	pcs/pack	price/pack kr
BFK3-050-012	50 ml	53	100	20	12	497
BFK3-100-012	100 ml	63	120	21	12	497
BFK3-250-012	250 ml	88	165	25	12	795
BFK3-500-008	500 ml	110	210	30	8	690
BFK3-1K0-006	1000 ml	140	260	35	6	831
BFK3-2K0-002	2000 ml	175	305	46	2	640

BOILING FLASK, FLAT BOTTOM, NARROW NECK

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	$Ø_{inn.\ mouth}$ (mm)	pcs/pack	price/pack kr
BFG3-050-012	50 ml	53	108	18	12	497
BFG3-100-012	100 ml	62	108	21	12	497
BFG3-250-012	250 ml	88	152	34	12	795
BFG3-500-008	500 ml	106	172	28	8	690
BFG3-1K0-006	1000 ml	130	205	28	6	831
BFG3-2K0-002	2000 ml	160	246	40	2	640
BFG3-3K0-001	3000 ml	185	365	45	1	391

MEASURING JUG, POLYPROPYLENE

astiK's

With raised graduation. Autoclavable at 121 °C

reference	capacity	graduation	$Ø_{outer\ top}$ (mm)	h (mm)	pcs/pack	price/pack kr
MJUP-250-012	250 ml	10 ml	75	95	12	434
MJUP-500-012	500 ml	25 ml	95	118	12	487
MJUP-1K0-006	1000 ml	50 ml	120	132	6	271
MJUP-2K0-006	2000 ml	100 ml	145	165	6	440
MJUP-3K0-006	3000 ml	100 ml	170	185	6	812
MJUP-5K0-004	5000 ml	250 ml	190	225	4	808

CONICAL PRESSED MEASURING FLASK

LBG

Made of soda-lime glass. Raised scale

reference	capacity	$Ø_{outer\ top}$ (mm)	h (mm)	pcs/pack	price/pack kr
COMN-060-001	60 ml	60	102	1	135
COMN-125-001	125 ml	87	115	1	161
COMN-250-001	250 ml	108	148	1	190
COMN-500-001	500 ml	124	166	1	344

PORCELAIN MORTAR WITH PESTLE *PREMIUM LINE*

HDN ceramics

Made of upper grade porcelain. Unglazed inside but fine polished. Price includes mortar and pestle. You can find spare “Pestle for porcelain mortar” on our website

reference	capacity	$Ø_{outer\ top}$ (mm)	$Ø_{inner\ top}$ (mm)	h (mm)	pcs/pack	price/pack kr
MORK-060-001	60 ml	80	60	44	1	66
MORK-100-001	100 ml	90	75	48	1	70
MORK-150-001	150 ml	105	85	70	1	88
MORK-275-001	275 ml	125	100	70	1	132
MORK-550-001	550 ml	155	125	88	1	209
MORK-900-001	900 ml	180	150	100	1	264
MORK-1K5-001	1500 ml	200	175	115	1	549
MORK-2K0-001	2000 ml	230	175	140	1	572
MORK-4K2-001	4200 ml	285	250	175	1	1533

LBG GLASS MORTAR WITH PESTLE *PREMIUM LINE*

Made of soda-lime glass. Glazed inside and outside. Price includes mortar and pestle

reference	capacity	Ø top (mm)	l pestle (mm)	pcs/pack	price/pack kr
MORV-050-001	50 ml	60	80	1	138
MORV-100-001	100 ml	80	100	1	296
MORV-250-001	250 ml	100	120	1	273
MORV-500-001	500 ml	120	140	1	371
MORV-1K0-001	1000 ml	150	160	1	364

LBG GLASS MORTAR WITH PESTLE

Made of neutral glass LBG N. Price includes mortar and pestle. With rough inner surface (unglazed)

reference	capacity	Ø outer top (mm)	Ø inner top (mm)	h total (mm)	pcs/pack	price/pack kr
MORN-060-001	40 ml	70	60	40	1	55
MORN-075-001	75 ml	85	75	50	1	71
MORN-090-001	160 ml	100	90	60	1	86
MORN-120-001	300 ml	130	120	75	1	143
MORN-150-001	650 ml	165	150	85	1	214
MORN-180-001	1100 ml	195	180	100	1	314

clink STAINLESS STEEL MORTAR WITH PESTLE

121°

Made of 304 stainless steel. Price includes mortar and pestle

reference	capacity	Ø (mm)	h inner (mm)	h total (mm)	pcs/pack	price/pack kr
MORA-070-001	750 ml	140	80	105	1	996
MORA-100-001	1800 ml	180	110	140	1	1167
MORA-200-001	2300 ml	200	120	150	1	1373

HDN ceramics AGATE MORTAR WITH PESTLE *PREMIUM LINE*

121°

Mortar with hexagonal shape made of high hardness and abrasion resistant agate. The hardness is 7 on the Mohs scale and 83 on the Rockwell scale (45N). Inner and outer surfaces fine polished. Price includes mortar and pestle. Due to the manufacturing process of these mortars, the dimensions mentioned in catalog are approximate and could be subject to change

reference	capacity	Ø outer (mm)	Ø inner (mm)	h (mm)	pcs/pack	price/pack kr
MORG-050-001	10 ml	50	38	28	1	1375
MORG-078-001	22 ml	76	63	35	1	2373
MORG-100-001	50 ml	100	88	41	1	4454
MORG-115-001	90 ml	114	100	43	1	6910
MORG-125-001	120 ml	125	114	65	1	8575

HIGH ALUMINA MORTAR WITH PESTLE *Premium Line*

HDN ceramics

Aluminum oxide (99.7% Al_2O_3) mortar with a high resistance to corrosion by chemical substances and a high degree of hardness. The hardness is 7 on the Mohs scale and 83 on the Rockwell scale (45N). Recommended for the use with liquid nitrogen. Price includes mortar and pestle

reference	capacity	Ø outer (mm)	Ø inner (mm)	h (mm)	pcs/pack	price/pack kr
MORL-050-001	30	50	45	25	1	833
MORL-075-001	60	75	68	40	1	1337
MORL-100-001	160	100	95	50	1	2231
MORL-125-001	400	125	116	75	1	2923
MORL-150-001	550	150	140	80	1	3668

CRYSTALLIZING DISH WITH SPOUT

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
CDI3-080-006	80 ml	60	40	6	259
CDI3-200-006	200 ml	90	45	6	334
CDI3-300-006	300 ml	100	50	6	403
CDI3-600-002	600 ml	125	63	2	204
CDI3-1K0-002	1000 ml	150	75	2	297
CDI3-2K0-002	2000 ml	180	90	2	419

CRYSTALLIZING DISH, THICK GLASS

LBG

Made of soda-lime glass

reference	capacity	Ø inner (mm)	h total (mm)	h int. (mm)	pcs/pack	price/pack kr
CDIN-1K5-001	1200 ml	150	90	69	1	134
CDIN-2K5-001	2100 ml	180	100	90	1	196
CDIN-3K8-001	3300 ml	210	110	100	1	249

CRYSTALLIZING DISH, HIGH VOLUME, POLYPROPYLENE

astiK's

Without spout. Autoclavable at 121 °C

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
CDIP-1K5-001	1500 ml	180	60	1	98
CDIP-3K0-001	3000 ml	200	100	1	136
CDIP-4K9-001	4900 ml	250	100	1	190

EVAPORATING DISH, GLASS, FLAT BOTTOM

LBG

With spout. Made of borosilicate glass LBG 3.3

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
EDF3-045-006	45 ml	60	30	6	251
EDF3-100-006	100 ml	90	45	6	296
EDF3-300-002	300 ml	120	60	2	132
EDF3-600-002	600 ml	150	75	2	186

clink

STAINLESS STEEL BOWL

With lip, flat bottom

reference	capacity	Ø top (mm)	Ø base (mm)	h (mm)	pcs/pack	price/pack kr
EDFS-070-001	70 ml	60	29	35	1	190
EDFS-150-001	160 ml	80	40	45	1	218
EDFS-300-001	250 ml	100	53	55	1	261
EDFS-500-001	400 ml	120	72	60	1	283
EDFS-1K0-001	1000 ml	180	90	85	1	399
EDFS-2K0-001	2000 ml	200	95	100	1	500

HDN ceramics

EVAPORATING DISH, PORCELAIN, ROUND BOTTOM *PREMIUM LINE*

Made of top quality porcelain. Withstands temperatures up to 1150 °C. Round form with lip. Glazed inside

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
EVRK-035-006	35 ml	60	22	6	262
EVRK-070-006	70 ml	75	30	6	267
EVRK-120-006	120 ml	94	42	6	373
EVRK-250-006	250 ml	115	47	6	528
EVRK-385-001	385 ml	145	52	1	171
EVRK-525-001	525 ml	162	52	1	245
EVRK-765-001	765 ml	185	60	1	345
EVRK-1K3-001	1285 ml	215	80	1	495

HDN ceramics

EVAPORATING DISH, PORCELAIN, FLAT BOTTOM *PREMIUM LINE*

Made of top quality porcelain. Withstands temperatures up to 1150 °C. Shallow form with lip. Glazed inside

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
EVFK-035-006	35 ml	70	18	6	153
EVFK-050-006	50 ml	85	20	6	174
EVFK-080-006	80 ml	95	24	6	188
EVFK-100-006	100 ml	110	26	6	261
EVFK-200-006	200 ml	125	33	6	304
EVFK-300-006	300 ml	155	33	6	682
EVFK-500-001	500 ml	180	35	1	174
EVFK-1K0-001	1000 ml	210	38	1	290

astiK's

EVAPORATING DISH, LOW FORM, PTFE

Manufactured from pure PTFE with a smooth internal finish. Chemically inert, usable at up to 280 °C

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
EDLT-050-001	50 ml	82	15	1	364
EDLT-100-001	100 ml	102	20	1	521
EDLT-350-001	350 ml	132	36	1	1014

MELTING POINT CAPILLARY TUBES

LBG

Made of borosilicate glass LBG 3.3. Available with one sealed end (A) and with two open ends (B). Tubes with two open ends (B) can also be used for sample transfer to thin-layer chromatography plates (TLC)

reference	l (mm)	Ø inner (mm)	Ø outer (mm)	type	pcs/pack	price/pack kr
MPC3-090-500	90	1,1 - 1,2	1,5 - 1,6	A	500	147
MPC3-092-500	90	1,1 - 1,2	1,5 - 1,6	B	500	106

THIELE MELTING POINT TUBE

LBG

Made of borosilicate glass LBG 3.3

reference	Ø tube (mm)	Ø side (mm)	h (mm)	pcs/pack	price/pack kr
MPT3-150-005	22	10	150	5	510

DRYING TUBE, U-SHAPE

LBG

Made of borosilicate glass LBG 3.3

reference	Ø outer (mm)	Ø inner (mm)	h (mm)	type	pcs/pack	price/pack kr
DRU3-150-001	15	11,8	150	without side hose (A)	1	57
DRU3-151-001	15	11,8	150	with Ø 6 mm side hose (B)	1	101

WATCH GLASS DISH

LBG

Made of neutral glass LBG N

reference	Ø (mm)	pcs/pack	price/pack kr
WDIN-045-010	45	10	96
WDIN-060-010	60	10	109
WDIN-080-010	80	10	152
WDIN-100-010	100	10	193
WDIN-120-010	120	10	204
WDIN-150-010	150	10	303
WDIN-180-010	180	10	459

WATCH GLASS DISH *PREMIUM LINE*

LBG

Made of soda-lime glass. Glazed rims. According to DIN 12341

reference	Ø (mm)	pcs/pack	price/pack kr
WDIN-P40-010	40	10	131
WDIN-P60-010	60	10	152
WDIN-P80-010	80	10	174
WDIN-10P-010	100	10	211
WDIN-12P-010	125	10	352
WDIN-15P-010	150	10	468
WDIN-20P-010	200	10	588

astiK's WATCH GLASS DISH, PTFE

Ideally suited for covering beakers. Isostatically molded in pure, FDA approved, PTFE. Totally chemically resistant and inert. Use up to 280 °C

reference	Ø (mm)	pcs/pack	price/pack kr
PTFW-020-001	20	1	55
PTFW-030-001	30	1	67
PTFW-040-001	40	1	81
PTFW-050-001	50	1	87
PTFW-065-001	65	1	96
PTFW-075-001	75	1	105
PTFW-080-001	80	1	108
PTFW-100-001	100	1	150
PTFW-125-001	125	1	232
PTFW-150-001	150	1	363
PTFW-200-001	200	1	625

LBG WEIGHING BOTTLE, LOW FORM, WITH LID

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
WBL3-030-006	10 ml	30	20	6	175
WBL3-035-006	18 ml	35	25	6	192
WBL3-040-006	30 ml	40	30	6	211
WBL3-050-006	50 ml	50	30	6	217
WBL3-060-006	75 ml	60	30	6	295
WBL3-070-006	145 ml	70	40	6	450

LBG WEIGHING BOTTLE, TALL FORM, WITH LID

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
WBT3-024-006	8 ml	25	25	6	162
WBT3-025-006	15 ml	25	40	6	163
WBT3-030-006	30 ml	30	50	6	178
WBT3-040-006	55 ml	40	50	6	194
WBT3-045-006	100 ml	45	70	6	269

astiK's WEIGHING BOTTLE, PP, WITH LID

Transparent. With hermetic seal lid. Cylindrical shape

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
WBLP-030-012	30 ml	34	73	12	289
WBLP-050-012	50 ml	54	52	12	425

DESICCATOR WITH KNOBBED LID

astiK's

Polypropylene base and polycarbonate transparent lid. Includes a silicon ring between lid and base to ensure sealing. Polypropylene plate included. See the spare parts available for these desiccators on our website:

reference	description	pcs/pack	price/pack kr
DE1P-200-001	desiccator Ø 200 mm	1	823
DE1P-250-001	desiccator Ø 250 mm	1	1240
DE1P-300-001	desiccator Ø 300 mm	1	1845

VACUUM TYPE DESICCATOR, PLASTIC STOPCOCK

astiK's

Polypropylene base and polycarbonate transparent lid. With a basket for desiccant (only available for 200 mm diameter and 250 mm diameter models). Includes a silicon ring between lid and base to ensure sealing. Connector for 10 mm (200 and 250 models) and 8 mm (300 model) inner diameter tubing. Polypropylene plate included. See the spare parts available for these desiccators on our website

reference	description	pcs/pack	price/pack kr
DE2P-200-001	desiccator Ø 200 mm (A)	1	1810
DE2P-250-001	desiccator Ø 250 mm (A)	1	1973
DE2P-300-001	desiccator Ø 300 mm (B)	1	2522

A

B

SPARE PARTS FOR PLASTIC DESICCATORS

astiK's

For desiccators with knobbed lid (DE1P) and vacuum type desiccators (DE2P)

reference	description	pcs/pack	price/pack kr
DEPP-201-001	plate for DE1P-200-001 dessicator	1	146
DEPP-200-001	plate for DE2P-200-001 dessicator	1	150
DEPP-251-001	plate for DE1P-250-001 dessicator	1	156
DEPP-250-001	plate for DE2P-250-001 dessicator	1	160
DEPP-300-001	plate for DE1P-300-001 and DE2P-300-001 dessicators	1	198

DESICCATOR, GLASS *Basic Line*

LBG

Made of neutral glass LBG N. Porcelain plate included

reference	capacity	$Ø_{body}$ (mm)	$Ø_{plate}$ (mm)	h_{total} (mm)	pcs/pack	price/pack kr
DE01-150-002	1,5 L	150	135	220	2	659
DE01-200-001	4 L	210	180	300	1	648
DE01-250-001	6 L	240	210	350	1	977
DE01-300-001	10 L	300	275	400	1	1454
Spare knobbed lid						
DEL1-150-001	for DE01-150-002 (Øext: 210 mm and Øint: 150 mm)				1	189
DEL1-200-001	for DE01-200-001 (Øext: 269 mm and Øint: 218 mm)				1	286
DEL1-250-001	for DE01-250-001 (Øext: 306 mm and Øint: 247 mm)				1	423
DEL1-300-001	for DE01-300-001 (Øext: 366 mm and Øint: 303 mm)				1	640

LBG VACUUM TYPE DESICCATOR, GLASS STOPCOCK AND LID *Basic Line*

Made of neutral glass LBG N. Porcelain plate included. Connector for 8 mm inner diameter tubing

reference	capacity	Ø body (mm)	Ø plate (mm)	h total (mm)	pcs/pack	price/pack kr
DE02-150-002	1,5 L	150	135	220	2	1033
DE02-200-001	4 L	210	180	308	1	927
DE02-250-001	6 L	240	210	358	1	1432
DE02-300-001	10 L	300	275	408	1	2162
Spare lid with glass stopcock						
DEL2-150-001	for DE02-150-002 (Øext: 210 mm and Øint: 150 mm)				1	416
DEL2-200-001	for DE02-200-001 (Øext: 269 mm and Øint: 218 mm)				1	655
DEL2-250-001	for DE02-250-001 (Øext: 306 mm and Øint: 247 mm)				1	1003
DEL2-300-001	for DE02-300-001 (Øext: 366 mm and Øint: 303 mm)				1	1354

LBG DESICCATOR WITH KNOBBED LID *Premium Line*

Made of soda glass. Porcelain plate included

reference	capacity	Ø body (mm)	Ø plate (mm)	h total (mm)	pcs/pack	price/pack kr
DE06-150-001	1,5 L	150	145	225	1	1376
DE06-200-001	4 L	200	195	240	1	1883
DE06-250-001	6 L	250	240	280	1	2501
DE06-300-001	10 L	300	275	415	1	4470
Spare knobbed lid						
DEL6-150-001	for DE06-150-001				1	656
DEL6-200-001	for DE06-200-001				1	801
DEL6-250-001	for DE06-250-001				1	987
DEL6-300-001	for DE06-300-001				1	1993

LBG VACUUM TYPE DESICCATOR, GLASS STOPCOCK AND LID *Premium Line*

Made of soda glass. Porcelain plate included. Connector for 8 mm inner diameter tubing

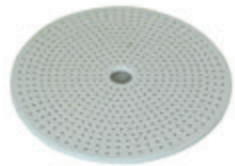
reference	capacity	Ø body (mm)	Ø plate (mm)	h total (mm)	pcs/pack	price/pack kr
DE05-150-001	1,5 L	150	145	225	1	1912
DE05-200-001	4 L	200	195	240	1	2338
DE05-250-001	6 L	250	240	280	1	3153
DE05-300-001	10 L	300	275	415	1	5491
Spare lid with glass stopcock						
DEL5-150-001	for DE05-150-001				1	1112
DEL5-200-001	for DE05-200-001				1	1190
DEL5-250-001	for DE05-250-001				1	1596
DEL5-300-001	for DE05-300-001				1	2984
Spare parts						
DE05-A01-001	glass stopcock				1	603

DESICCATOR PLATE, PORCELAIN *PREMIUM LINE*

HDN ceramics

Made of top quality porcelain. Withstands temperatures up to 1150 °C. High chemical resistance. Suitable for any standard desiccator and for Basic Line desiccators. Glazed on one side. Autoclavable

reference	Ø (mm)	pcs/pack	price/pack kr
DEPK-140-001	140	1	161
DEPK-190-001	190	1	198
DEPK-210-001	210	1	261
DEPK-275-001	275	1	261



VACUUM TYPE DESICCATOR WITH LID AND LATERAL HOSE *PREMIUM LINE*

LBG

Made of soda glass. Porcelain plate included. Connector for 8 mm inner diameter tubing

reference	capacity	$Ø_{body}$ (mm)	$Ø_{plate}$ (mm)	h_{total} (mm)	pcs/pack	price/pack kr
DE07-150-001	1,5 L	150	145	225	1	2208
DE07-200-001	4 L	200	195	240	1	2664
DE07-250-001	6 L	250	240	280	1	3263
DE07-300-001	10 L	300	275	415	1	5325
Replacement lid with rotating sleeve valve						
DEL7-150-001		for DE07-150-001			1	1303
DEL7-200-001		for DE07-200-001			1	1457
DEL7-250-001		for DE07-250-001			1	1830
DEL7-300-001		for DE07-300-001			1	2927

SILICA GEL FOR DESICCATORS

labkem

With indicator changing from orange to green when absorbing humidity. Orange indicator is classified as “non toxic”, avoiding to use the common blue silica gel including cobalt chloride as indicator (cobalt chloride is classified as “toxic”). Water absorption: (RH20%; 7 min) ≥ 9.0% / (RH50%; 19 min) ≥ 19% / (RH90%; 26 min) ≥ 26.0%. Regeneration: 100-120 °C (aprox. 1 hour)

reference	particle size	package	price/pack kr
SGE0-002-1K0	2 - 4 mm	P 1 kg	208
SGE0-002-3K0	2 - 4 mm	P 3 kg	581

PARAFILM M SEALING FILM

Sealing film made of polyolefines and paraffin waxes. Service temperature from -45 °C up to +50 °C (melting point +60 °C). Resistant to saline solutions, most common inorganic acids and bases used in laboratory and some organics solvents (methanol, ethanol and 2-propanol). Not resistant to diethylether, chloroform, carbon tetrachloride, benzene or toluene

reference	description	pcs/pack	price/pack kr
PRFL-001-001	38 m x 10 cm roll	1	573
PRFL-002-001	75 m x 5 cm roll	1	683
"Saving package"			
PRFL-001-012	38 m x 10 cm roll	12	6224
PRFL-002-024	75 m x 5 cm roll	24	13636

PARAFILM M DISPENSER

Used for storing, dispensing and cutting Parafilm®M. Made of white acrylic. Can hold both 5 cm and 10 cm rolls, tapes & labels. Can easily cut thanks to super sharp serrated blades. Openable top lid allows easy replacement of the paraflim rolls. The dispenser does not include Parafilm

reference	external dimensions (length x width x height)	pcs/pack	price/pack kr
PRFL-DIS-001	180 x 120 x 160 mm	1	1139

ALUMINIUM FOIL

For packing, covering, and insulation. Packed in individual dispenser box with cutter bar.
Thickness: 13 µm

reference	description	pcs/pack	price/pack kr
ALFO-030-001	30 m x 29 cm roll	1	58
ALFO-250-001	250 m x 29 cm roll	1	531

ALUMINIUM FOIL, PRE-CUT

For packing, covering, and insulation. Pre-cut pieces, available in both round and square shapes. Thickness: 20 µm

reference	form	dimensions	pcs/pack	price/pack kr
ALFC-100-500	round	ø 100 mm	500	145
ALFC-150-500	round	ø 150 mm	500	235
ALFS-100-500	square	100 x 100 mm	500	145
ALFS-150-500	square	150 x 150 mm	500	235

PROFESSIONAL CUTTER

With non-slip rubber handle and adjustment screw. 18 mm metal blade. Blade locking system

reference	l_{total} (mm)	blade (mm)	pcs/pack	price/pack kr
CTTR-001-001	160	18	1	80

LABORATORY MARKER SET

For the special requirements of the laboratory. Set of three markers with three different colors: black, blue, and red. Bullet nib. Specially designed for surfaces of laboratory equipment such as slides, reaction vessels, labware and labels. Ink with high resistance to alcohol (can only be erased with strong friction) and water, but erasable with acetone and xylene

reference	l (mm)	ø (mm)	colors	pcs/pack	price/pack kr
PLMB-KIT-003	132	11	black, blue, red	3	72

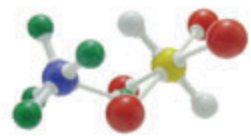
EDDING LABORATORY MARKER

For the special requirements of the laboratory. Available in black. Bullet nib. Fine nib for clear labelling on small surfaces. Particularly suited for smooth and transparent surfaces e.g. slides, reaction vessels, labware and labels. Quick-drying, smudge-proof, waterproof, lightfast and low-odour. Extreme resistance to abrasion and high temperatures-tested and approved by TÜV Saarland. Permanent on plastic, erasable in glass with alcohol-based cleaner

reference	stroke thickness (mm)	model	pcs/pack	price/pack kr
PLME-001-001	0,75	8015F	1	68
PLME-002-001	1	8014	1	68
"Saving package"				
PLME-001-010	0,75	8015F	10	570
PLME-002-010	1	8014	10	570

MOLECULAR MODEL SET

Gives a better insight to students into the three dimensional aspects of molecules and chemical compounds. The sets consists of colored plastic balls in different diameters and follows a universal color code in representing various elements. The balls have one or more holes and may be inter-connected to each other by white plastic unions that represent valency bonds and the structures so formed represent molecules or compounds. See the detailed technical sheet of this product on our website



reference	description	pcs/pack	price/pack kr
MOLM-001-001	student set, box with 47 balls, 10 long bonds and 25 short bonds	1	433
MOLM-002-001	teacher set, box with 100 balls, 36 long bonds and 50 short bonds	1	666

INDICATOR TAPE FOR STERILIZATION

Self-adhesive tape with impregnated paper turning to colour when exposed to sterilization process. Tape turns from white to brown when exposed at 120 °C during 20 minutes, at 125 °C during 10 minutes or at 135 °C during 5 minutes

reference	description	pcs/pack	price/pack kr
STAP-A55-001	50 m x 19 mm roll, for autoclave	1	66
"Saving package"			
STAP-A55-010	50 m x 19 mm roll, for autoclave	10	547

DISPENSER FOR SELF-ADHESIVE LABEL TAPE

For 55 m x 19 mm rolls

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
TAPE-D01-001	250 x 75 x 95 mm	1	642

SELF-ADHESIVE LABEL TAPE

To label all kind of laboratory containers. Resistant to water and most solvents and acids. Can be used in autoclave, freezer, refrigerator and oven. Temperature range: -23 °C to +121 °C. To label with pencil, pen or marker. Does not leave residues when removed. Internal roll diameter 76 mm

reference	type	pcs/pack	price/pack kr
TAPE-B55-001	55 m x 19 mm roll, blue	1	235
TAPE-G55-001	55 m x 19 mm roll, green	1	235
TAPE-O55-001	55 m x 19 mm roll, orange	1	235
TAPE-R55-001	55 m x 19 mm roll, red	1	235
TAPE-W55-001	55 m x 19 mm roll, white	1	235
TAPE-Y55-001	55 m x 19 mm roll, yellow	1	235
4 units "Saving package"			
TAPE-B55-004	55 m x 19 mm roll, blue	4	753
TAPE-G55-004	55 m x 19 mm roll, green	4	753
TAPE-O55-004	55 m x 19 mm roll, orange	4	753
TAPE-R55-004	55 m x 19 mm roll, red	4	753
TAPE-W55-004	55 m x 19 mm roll, white	4	753
TAPE-Y55-004	55 m x 19 mm roll, yellow	4	753
12 units "Saving package"			
TAPE-B55-012	55 m x 19 mm roll, blue	12	1883
TAPE-G55-012	55 m x 19 mm roll, green	12	1883
TAPE-O55-012	55 m x 19 mm roll, orange	12	1883
TAPE-R55-012	55 m x 19 mm roll, red	12	1883
TAPE-W55-012	55 m x 19 mm roll, white	12	1883
TAPE-Y55-012	55 m x 19 mm roll, yellow	12	1883
6 units multicolor “Saving package”			
TAPE-M55-006	55 m x 19 mm roll, 6 colors	6	1220

TECHNICAL INFORMATION ABOUT OUR PRODUCTS

In the annex of this catalog, starting from page 419, you will find a large amount of useful technical information about our products.

This information includes, among other things, technical specifications of different materials (glass, porcelain, etc.), compatibility tables, and general guidelines for laboratory material cleaning.

Visit the ”Support” - ”Technical Information” section of our website for further additional technical information about our products and to check for any updates.

VOLUMETRIC FLASK CLASS A WITH PLASTIC STOPPER

LBG

Made of borosilicate glass LBG 3.3. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFK3-005-002	5 ml	± 0,02	10/19	2	77
VFK3-010-002	10 ml	± 0,02	10/19	2	77
VFK3-020-002	20 ml	± 0,03	10/19	2	85
VFK3-025-002	25 ml	± 0,03	10/19	2	86
VFK3-050-002	50 ml	± 0,05	12/21	2	87
VFK3-100-002	100 ml	± 0,10	14/23	2	98
VFK3-200-002	200 ml	± 0,15	14/23	2	130
VFK3-250-002	250 ml	± 0,20	14/23	2	130
VFK3-500-002	500 ml	± 0,25	19/26	2	228
VFK3-1K0-002	1000 ml	± 0,40	24/29	2	327
VFK3-2K0-001	2000 ml	± 0,60	29/32	1	267

VOLUMETRIC FLASK CLASS A WITH PLASTIC STOPPER

Made of top quality 3.3 borosilicate glass. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Each flask has a batch number printed. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFL3-005-002	5 ml	± 0,040	10/19	2	104
VFL3-010-002	10 ml	± 0,040	10/19	2	120
VFL3-020-002	20 ml	± 0,040	10/19	2	148
VFL3-025-002	25 ml	± 0,040	10/19	2	137
VFL3-050-002	50 ml	± 0,060	12/21	2	161
VFL3-100-002	100 ml	± 0,100	14/23	2	187
VFL3-200-002	200 ml	± 0,150	14/23	2	255
VFL3-250-002	250 ml	± 0,150	14/23	2	267
VFL3-500-002	500 ml	± 0,250	19/26	2	331
VFL3-1K0-002	1000 ml	± 0,400	24/29	2	551
VFL3-2K0-001	2000 ml	± 0,600	29/32	1	455
VFL3-5K0-001	5000 ml	± 1,200	34/35	1	1907

BATCH CERTIFICATES

All volumetric glassware material (measuring cylinders, flasks, pipettes and burettes) made on the same production date do have the same batch number. During the quality control process each piece is verified individually, dismissing those not fulfilling the maximum tolerances permitted. The batch certificate mention the average value obtained for all the pieces of the same batch, the standard deviation and the control date.
This batch certificate can be downloaded free of charge on the website

INDIVIDUAL CALIBRATION CERTIFICATE

Glassware with an individual certificate do have an individual serial number added to the batch number. They are delivered with a certificate showing the real volume of this particular flask.

VOLUMETRIC FLASK CLASS A ACCORDING TO USP

Made of top quality 3.3 borosilicate glass. With plastic stopper. Designed according to ISO 1042, DIN 12664, USP standards and “Eichordnung” (the German Federal Weights and Measures Regulations). The conformity with “Eichordnung” is certified through the official German “H” sign on each flask according to DIN 12600. Calibrated to contain (TC, In). USP standards are more accurate than ISO 1042. Each flask has a batch number printed. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFH3-005-002	5 ml	± 0,020	10/19	2	139
VFH3-010-002	10 ml	± 0,020	10/19	2	157
VFH3-020-002	20 ml	± 0,030	10/19	2	169
VFH3-025-002	25 ml	± 0,030	10/19	2	169
VFH3-050-002	50 ml	± 0,050	12/21	2	202
VFH3-100-002	100 ml	± 0,080	14/23	2	224
VFH3-200-002	200 ml	± 0,100	14/23	2	301
VFH3-250-002	250 ml	± 0,120	14/23	2	314
VFH3-500-002	500 ml	± 0,200	19/26	2	402
VFH3-1K0-002	1000 ml	± 0,300	24/29	2	657
VFH3-2K0-001	2000 ml	± 0,500	29/32	1	531

VOLUMETRIC FLASK CLASS A ACCORDING TO USP WITH INDIVIDUAL CERTIFICATE

Made of top quality 3.3 borosilicate glass. With plastic stopper. Designed according to ISO 1042, DIN 12664 and USP standards. Calibrated to contain (TC, In). USP standards are more accurate than ISO 1042. Each flask has its own individual serial number printed. An individual calibration certificate showing the real volume of this particular flask is delivered

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFC3-005-001	5 ml	± 0,020	10/19	1	98
VFC3-010-001	10 ml	± 0,020	10/19	1	105
VFC3-020-001	20 ml	± 0,030	10/19	1	105
VFC3-025-001	25 ml	± 0,030	10/19	1	108
VFC3-050-001	50 ml	± 0,050	12/21	1	120
VFC3-100-001	100 ml	± 0,080	14/23	1	149
VFC3-200-001	200 ml	± 0,100	14/23	1	173
VFC3-250-001	250 ml	± 0,120	14/23	1	192
VFC3-500-001	500 ml	± 0,200	19/26	1	268
VFC3-1K0-001	1000 ml	± 0,300	24/29	1	398
VFC3-2K0-001	2000 ml	± 0,500	29/32	1	626

VOLUMETRIC FLASK CLASS A WITH INDIVIDUAL CERTIFICATE AND QR CODE

Made of top quality 3.3 borosilicate glass. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Each flask has its own individual serial number printed. An individual calibration certificate showing the real volume of this particular flask is delivered. The flask has a printed QR code that when scanned allows the user to download the certificate

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFQR-005-001	5 ml	± 0,040	10/19	1	172
VFQR-010-001	10 ml	± 0,040	10/19	1	172
VFQR-020-001	20 ml	± 0,040	10/19	1	186
VFQR-025-001	25 ml	± 0,040	10/19	1	186
VFQR-050-001	50 ml	± 0,060	12/21	1	203
VFQR-100-001	100 ml	± 0,100	14/23	1	252
VFQR-200-001	200 ml	± 0,150	14/23	1	321
VFQR-250-001	250 ml	± 0,150	14/23	1	334
VFQR-500-001	500 ml	± 0,250	19/26	1	447
VFQR-1K0-001	1000 ml	± 0,400	24/29	1	664
VFQR-2K0-001	2000 ml	± 0,600	29/32	1	1118

Glassco's QR coded volumetric flasks allow the user to scan the code with their smartphone or an IR-Gun attached to a computer and download the certificate immediately from the manufacturer's website.

- AVOIDS THE LOSS OF THE CERTIFICATE
- SAVES TIME AND MONEY TO THE USER
- SIMPLIFIES THE AUDIT PROCESS
- HUMAN CAUSED ERRORS DECREASE

VOLUMETRIC FLASK AMBER CLASS A WITH PLASTIC STOPPER

LBG

Made of amber borosilicate glass LBG 3.3. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFA3-005-002	5 ml	± 0,02	10/19	2	114
VFA3-010-002	10 ml	± 0,02	10/19	2	121
VFA3-025-002	25 ml	± 0,03	10/19	2	133
VFA3-050-002	50 ml	± 0,05	12/21	2	138
VFA3-100-002	100 ml	± 0,10	14/23	2	157
VFA3-200-002	200 ml	± 0,15	14/23	2	207
VFA3-250-002	250 ml	± 0,20	14/23	2	207
VFA3-500-002	500 ml	± 0,25	19/26	2	311
VFA3-1K0-002	1000 ml	± 0,40	24/29	2	448

VOLUMETRIC FLASK AMBER CLASS A WITH PLASTIC STOPPER

Made of top quality 3.3 amber borosilicate glass. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Each flask has a batch number printed. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack kr
VFLA-005-002	5 ml	± 0,040	10/19	2	236
VFLA-010-002	10 ml	± 0,040	10/19	2	291
VFLA-020-002	20 ml	± 0,040	10/19	2	291
VFLA-025-002	25 ml	± 0,040	10/19	2	298
VFLA-050-002	50 ml	± 0,060	12/21	2	335
VFLA-100-002	100 ml	± 0,100	14/23	2	429
VFLA-200-002	200 ml	± 0,150	14/23	2	627
VFLA-250-002	250 ml	± 0,150	14/23	2	627
VFLA-500-002	500 ml	± 0,250	19/26	2	1074
VFLA-1K0-002	1000 ml	± 0,400	24/29	2	1463
VFLA-2K0-001	2000 ml	± 0,600	29/32	1	1520

Kartell

121°

VOLUMETRIC FLASK, POLYPROPYLENE WITH PLASTIC STOPPER

Made of polypropylene with high clarity. Autoclavable. Thin neck without meniscus for an optimal reading. Calibrated with the gravimetric method at 20 °C. Does not include a certificate

reference	capacity	h (mm)	Ø base (mm)	screw	pcs/pack	price/pack kr
VFKP-025-005	25 ml	121	36	GL18	5	492
VFKP-050-005	50 ml	143	46	GL18	5	497
VFKP-100-005	100 ml	174	58	GL18	5	693
VFKP-250-002	250 ml	225	82	GL25	2	275
VFKP-500-002	500 ml	265	100	GL25	2	317
VFKP-1K0-001	1000 ml	325	120	GL25	1	228

LBG

PYCNOMETER FOR SOLIDS

Made of 3.3 borosilicate glass, calibrated at 20 °C. 12/21 joint

reference	capacity	accuracy (ml)	Ø out. (mm)	Ø top. (mm)	Ø out. (mm)	pcs/pack	price/pack kr
SPY3-025-001	25 ml	± 2,0	40	22	113	1	855
SPY3-050-001	50 ml	± 3,0	48	25	119	1	855
SPY3-100-001	100 ml	± 3,0	60	30	155	1	901

PYCNOMETER GAY-LUSSAC FOR LIQUIDS WITH PTFE STOPPER

Made of 3.3 borosilicate glass, according to ISO 3507 and calibrated at 20 °C, without certificate

reference	capacity	accuracy (ml)	Ø out. (mm)	h total (mm)	pcs/pack	price/pack kr
PYC3-P10-002	10 ml	± 1,0	27	50	2	270
PYC3-P25-002	25 ml	± 2,0	37	60	2	296
PYC3-P50-002	50 ml	± 3,0	47	75	2	349
PYC3-10P-002	100 ml	± 3,0	57	90	2	485

SET OF MEASURING CYLINDER HEXAGONAL BASE, CLASS B

LBG

Contains one unit of each of the following capacities: 10, 25, 50, 100, 250, 500 and 1000 ml. Made of borosilicate glass LBG 3.3 and designed according to ISO 4788. Calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacities	pcs/pack	price/pack kr
MCH3-KIT-001	10, 25, 50, 100, 250, 500, 1000 ml	1	783

MEASURING CYLINDER HEXAGONAL BASE, CLASS B

LBG

Made of borosilicate glass LBG 3.3 and designed according to ISO 4788. Calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MCH3-005-001	5 ml	± 0,1	0,1	13	112	1	40
MCH3-010-001	10 ml	± 0,2	0,2	14	137	1	40
MCH3-025-001	25 ml	± 0,5	0,5	21	167	1	48
MCH3-050-001	50 ml	± 1,0	0,5	25	196	1	55
MCH3-100-001	100 ml	± 1,0	1	29	256	1	57
MCH3-250-001	250 ml	± 2,0	2	43	305	1	115
MCH3-500-001	500 ml	± 5,0	5	53	360	1	159
MCH3-1K0-001	1000 ml	± 10	10	68	440	1	298
MCH3-2K0-001	2000 ml	± 20	20	85	500	1	359

MEASURING CYLINDER HEXAGONAL BASE, CLASS A

Made of top quality 3.3 borosilicate glass. In compliance with ISO 4788, USP and “Eichordnung” (the German Federal Weights and Measures Regulations). The conformity with “Eichordnung” is certified through the official German “H” sign on each measuring cylinder according to DIN 12600. Calibrated to contain (TC, In). Each measuring cylinder has a batch number printed on it. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MCHA-010-001	10 ml	± 0,10	0,2	15	137	1	76
MCHA-025-001	25 ml	± 0,25	0,5	20	167	1	85
MCHA-050-001	50 ml	± 0,50	1	25	195	1	88
MCHA-100-001	100 ml	± 0,50	1	30	257	1	96
MCHA-250-001	250 ml	± 1,00	2	40	330	1	158
MCHA-500-001	500 ml	± 2,50	5	53	385	1	201
MCHA-1K0-001	1000 ml	± 5,00	10	65	460	1	363
MCHA-2K0-001	2000 ml	± 10,00	20	80	565	1	603

LBG MEASURING CYLINDER HEXAGONAL BASE, WITH PLASTIC STOPPER, CLASS B

Made of borosilicate glass LBG 3.3 and designed according to ISO 4788. Calibrated to contain (TC, In). Ground mouth and plastic stopper. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	Ø (mm)	h (mm)	stopper	pcs/pack	price/pack kr
MCHS-050-001	50 ml	± 1,0	1	25	196	19/26	1	134
MCHS-100-001	100 ml	± 1,0	1	29	256	24/29	1	143
MCHS-250-001	250 ml	± 2,0	2	43	305	29/32	1	219
MCHS-500-001	500 ml	± 5,0	5	53	360	45/40	1	348
MCHS-1K0-001	1000 ml	± 10	10	68	440	45/40	1	585

MEASURING CYLINDER HEXAGONAL BASE, LOW FORM, CLASS B

Made of top quality 3.3 borosilicate glass. In compliance with DIN EN ISO 4788. To contain (TC, In). Printed in amber color. Does not include a certificate

reference	capacity	accuracy (ml)	graduation (ml)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MCLG-010-002	10 ml	± 0,3	1	20	97	2	172
MCLG-025-002	25 ml	± 0,5	1	25	122	2	178
MCLG-050-002	50 ml	± 1,0	2	30	147	2	215
MCLG-100-002	100 ml	± 1,0	2	42	167	2	263
MCLG-250-002	250 ml	± 2,0	5	55	217	2	415
MCLG-500-002	500 ml	± 5,0	10	65	251	2	726
MCLG-1K0-001	1000 ml	± 10,0	20	80	290	1	531

MEASURING CYLINDER HEXAGONAL BASE, POLYPROPYLENE, CLASS B

With raised graduations. Autoclavable at 121 °C. Does not include a certificate

reference	capacity	graduation (ml)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MCHP-010-012	10 ml	0,2	15	140	12	135
MCHP-025-012	25 ml	0,5	20	195	12	193
MCHP-050-012	50 ml	1	28	200	12	221
MCHP-100-012	100 ml	1	30	250	12	260
MCHP-250-006	250 ml	2	45	350	6	284
MCHP-500-004	500 ml	5	55	365	4	276
MCHP-1K0-003	1000 ml	10	70	440	3	364
MCHP-2K0-002	2000 ml	20	85	535	2	470

VOLUMETRIC PRECISION

Class A and **Class B** are designations from ASTM, indicating the relative tolerances of volumetric ware. ASTM is an international organization, that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services.

Class A: Preferred choice for volumetric determinations, with high construction and accuracy requirements.
Class B: For general purpose. With the same basic design as Class A flasks but with volumetric tolerances within twice the specified range allowed for Class A.

MEASURING CYLINDER HEXAGONAL BASE, PMP, CLASS B

astiK's

Made of Polymethylpentene (PMP/TPX®). Higher transparency, better chemical resistance and heat tolerance than PP. Autoclavable. Easy to read relief graduations. According to ISO 6706. Does not include a certificate

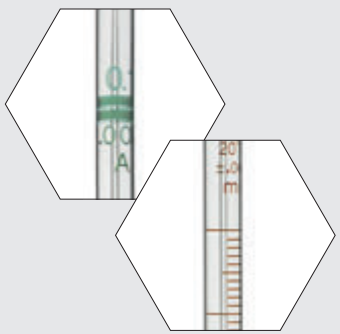
reference	capacity	graduation (ml)	accuracy (ml)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MCHX-010-001	10 ml	0,2	± 0,2	13,6	147,2	1	30
MCHX-025-001	25 ml	0,5	± 0,5	20,15	170	1	39
MCHX-050-001	50 ml	1	± 1	25,78	199,5	1	46
MCHX-100-001	100 ml	1	± 1	30,85	249,5	1	55
MCHX-250-001	250 ml	2	± 2	40,15	326,5	1	89
MCHX-500-001	500 ml	5	± 5	52,5	389,6	1	132
MCHX-1K0-001	1000 ml	10	± 10	65,5	460,8	1	200
MCHX-2K0-001	2000 ml	20	± 20	83	535,8	1	379

VOLUMETRIC PIPETTE WITH ONE MARK, CLASS A

LBG

With coding band (according to ISO 1769), and designed according to ISO 648. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	color code	pcs/pack	price/pack kr
VPIA-001-006	1 ml	± 0,007	blue	6	271
VPIA-002-006	2 ml	± 0,01	orange	6	271
VPIA-003-006	3 ml	± 0,015	black	6	283
VPIA-005-006	5 ml	± 0,015	white	6	283
VPIA-010-006	10 ml	± 0,02	red	6	302
VPIA-015-006	15 ml	± 0,025	green	6	327
VPIA-020-006	20 ml	± 0,03	yellow	6	351
VPIA-025-006	25 ml	± 0,03	blue	6	370
VPIA-050-001	50 ml	± 0,05	red	1	82
VPIA-100-001	100 ml	± 0,08	yellow	1	108



INSCRIPTIONS

Volumetric glassware is manufactured and calibrated according to international ISO requirements, it is marked with a set of inscriptions, respecting any specific standard associated with the requirements.

Volumetric pipettes also incorporate one- or two-color bands at the top end to facilitate the identification of the different volumes.

VOLUMETRIC PIPETTE WITH ONE MARK, CLASS A, ACCORDING TO USP

With coding band (according to ISO 1769), and designed according to ISO 648 standards, USP standards and "Eichordnung" (the German Federal Weights and Measures Regulations). The conformity with "Eichordnung" is certified through the official German "H" sign on each volumetric pipette according to DIN 12600. USP standards are more accurate than ISO 1042. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	color code	pcs/pack	price/pack kr
VPIH-0A5-005	0,5 ml	± 0,006	2 black	5	324
VPIH-001-005	1 ml	± 0,006	blue	5	302
VPIH-002-005	2 ml	± 0,006	orange	5	324
VPIH-003-005	3 ml	± 0,010	black	5	324
VPIH-005-005	5 ml	± 0,010	white	5	324
VPIH-010-005	10 ml	± 0,02	red	5	324
VPIH-015-005	15 ml	± 0,03	green	5	364
VPIH-020-005	20 ml	± 0,03	yellow	5	373
VPIH-025-005	25 ml	± 0,03	blue	5	373
VPIH-030-005	30 ml	± 0,03	black	5	506
VPIH-040-005	40 ml	± 0,05	white	5	506
VPIH-050-005	50 ml	± 0,05	red	5	506
VPIH-100-005	100 ml	± 0,08	yellow	5	762

LBG VOLUMETRIC PIPETTE WITH TWO MARKS, CLASS A

With coding band (according to ISO 1769), and designed according to ISO 648. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	color code	pcs/pack	price/pack kr
VPI2-001-006	1 ml	± 0,007	blue	6	351
VPI2-002-006	2 ml	± 0,01	orange	6	351
VPI2-005-006	5 ml	± 0,015	white	6	363
VPI2-010-006	10 ml	± 0,02	red	6	486
VPI2-015-006	15 ml	± 0,025	green	6	425
VPI2-020-006	20 ml	± 0,03	yellow	6	450
VPI2-025-006	25 ml	± 0,03	blue	6	468
VPI2-050-001	50 ml	± 0,05	red	1	105
VPI2-100-001	100 ml	± 0,08	yellow	1	130

labkem

DETERGENTS FOR LABORATORY USE LABKEM CLEANER for manual cleaning or automatic washing machine
see p. 345

- Ideal for use with laboratory materials such as glass, plastic, stainless steel and porcelain
- Biodegradable
- Highly effective

GLASS MEASURING PIPETTE, CLASS A

LBG

Measuring pipette with coding band (ISO 1769), designed according to ISO 835. Calibrated to deliver (TD, Ex). Normal graduation (zero on top). Batch certificate, included available on the website

reference	capacity	accuracy (ml)	graduation (ml)	color code	pcs/pack	price/pack kr
MPIA-0A1-005	0,1 ml	± 0,002	0,001	2 green	5	231
MPIA-0A2-005	0,2 ml	± 0,003	0,002	2 white	5	231
MPIA-0A5-005	0,5 ml	± 0,006	0,005	green	5	231
MPIA-001-005	1 ml	± 0,008	0,01	yellow	5	174
MPIA-002-005	2 ml	± 0,012	0,02	black	5	174
MPIA-005-005	5 ml	± 0,025	0,05	red	5	150
MPIA-010-005	10 ml	± 0,05	0,1	orange	5	150
MPIA-015-005	15 ml	± 0,08	0,1	2 orange	5	208
MPIA-020-005	20 ml	± 0,1	0,1	2 yellow	5	232
MPIA-025-005	25 ml	± 0,1	0,1	white	5	241
MPIA-050-005	50 ml	± 0,1	0,2	black	5	348

GLASS MEASURING PIPETTE, CLASS A *PREMIUM LINE*

LBG

Measuring pipette with coding band (ISO 1769), designed according to ISO 835. With safety bulb and batch number printed on the flask. Normal graduation (zero at top). Indelible amber graduation. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	color code	pcs/pack	price/pack kr
MPI2-001-005	1 ml	± 0,006	0,01	yellow	5	243
MPI2-002-005	2 ml	± 0,010	0,01	black	5	234
MPI2-005-005	5 ml	± 0,030	0,05	red	5	252
MPI2-010-005	10 ml	± 0,050	0,10	orange	5	261
MPI2-020-004	20 ml	± 0,100	0,10	2 yellow	4	325
MPI2-025-004	25 ml	± 0,100	0,10	white	4	354

GLASS MEASURING PIPETTE, CLASS A, INVERSED GRADUATION *PREMIUM LINE*

LBG

Measuring pipette with coding band (ISO 1769), designed according to ISO 835. With safety bulb and batch number printed on the flask. Inversed graduation (zero at tip). Indelible amber graduation. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	color code	pcs/pack	price/pack kr
MPI2-P01-005	1 ml	± 0,006	0,01	yellow	5	243
MPI2-P02-005	2 ml	± 0,010	0,01	black	5	243
MPI2-P05-005	5 ml	± 0,030	0,05	red	5	252
MPI2-P10-005	10 ml	± 0,050	0,10	orange	5	261
MPI2-P20-004	20 ml	± 0,100	0,10	2 yellow	4	325
MPI2-P25-004	25 ml	± 0,100	0,10	white	4	354

astiK's

PIPETTE STAND, ROTARY

Polypropylene. Suitable for pipettes up to 10 mm of diameter

reference	type	pcs/pack	price/pack kr
PSRP-094-001	up to 94 pipettes	1	261

astiK's

HORIZONTAL PIPETTE RACK

Made of polypropylene. Can sustain up to 12 pipettes measuring over 200 mm. Autoclavable

reference	type	pcs/pack	price/pack kr
PIPH-012-001	up to 12 pipettes	1	63

astiK's

PIPETTE TRAY FOR DRAWER

Designed to contain up to 30 pipettes. Contains 4 compartments to accommodate pipettes from 1 to 10 ml capacity

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
PIPT-004-001	30	426	300	1	172

astiK's

PIPETTE TRAY

Can accomodate 7 pipettes with overall stem diameter not exceeding 20 mm longitudinally or 16 pipettes with stem diameter not exceeding 10 mm laterally. Very useful work station holder, not only for pipettes

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
PIPD-016-001	40	283	216	1	170

astiK's

PIPETTE STORAGE RACK

ABS plastic construction, resistant to scratches and easily cleanable. Each rack includes two accessory attachments to hold pipette filler and a pipette bulb. 4 angled compartments for easy loading and retrieval. Windows allowing the vision of stored pipettes to determine supply level. Magnets present in both sides to help securely mount the rack

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
MPSR-004-001	290 x 85 x 395 mm	1	1171

astiK's

PIPETTE WASHING KIT

For washing pipettes up to 400 mm. It consists of two parts: washing unit and pipette basket. Automatic filling and emptying of the container by cycles: It is filled with water through the nozzle located on the upper edge and the pipette basket is inserted. Once the water level reaches the maximum, the container is completely emptied automatically through the bottom drainage system. After removing contaminated water, the container is refilled

reference	$\emptyset_{inside}$ x h (mm)	pcs/pack	price/pack kr
PIPW-001-001	152 x 771 (washing unit) and 119 x 587 (basket)	1	2879

PIPETTE STERILISING CAN

clink

Made of stainless steel

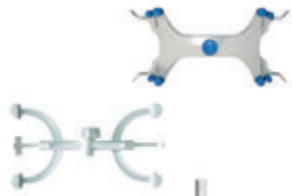
reference	Ø (mm)	h (cm)	pcs/pack	price/pack kr
STPS-R50-001	50	50	1	1471

BURETTE CLAMPS

clink

Available in polypropylene and painted aluminium

reference	type	pcs/pack	price/pack kr
BCFP-001-001	made in polypropylene for 1 burette	1	45
BCFP-002-001	made in polypropylene for 2 burettes	1	88
BCFS-002-001	made in painted aluminum for 2 burettes	1	164



PLASTIC BURETTE WITH PTFE STRAIGHT STOPCOCK

astiK's

Transparent body made of PMMA (polymethylmethacrylate) resistant to diluted acids and bases, except HCl and NaOH and self-lubricated PTFE stopcock

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURP-025-001	25 ml	± 0,05	0,1	570	1	128
BURP-050-001	50 ml	± 0,05	0,1	730	1	176
BURP-100-001	100 ml	± 0,05	0,2	820	1	224

BURETTE WITH GLASS STRAIGHT STOPCOCK, CLASS A

LBG

Designed according to ISO 385 and calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURN-010-001	10 ml	± 0,025	0,05	540	1	228
BURN-025-001	25 ml	± 0,04	0,1	560	1	257
BURN-050-001	50 ml	± 0,05	0,1	800	1	296

BURETTE WITH PTFE STRAIGHT STOPCOCK, CLASS A

LBG

Designed according to ISO 385 and calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURT-010-001	10 ml	± 0,025	0,05	540	1	377
BURT-025-001	25 ml	± 0,04	0,1	560	1	409
BURT-050-001	50 ml	± 0,05	0,1	800	1	464
BURT-100-001	100 ml	± 0,1	0,2	800	1	539

LBG BURETTE WITH PTFE STRAIGHT STOPCOCK AND FUNNEL TOP, CLASS A

Designed according to ISO 385 and calibrated to deliver (TD, Ex). With funnel top to make filling easier and safer. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURT-F10-001	10 ml	± 0,025	0,05	540	1	388
BURT-F25-001	25 ml	± 0,04	0,1	560	1	420
BURT-F50-001	50 ml	± 0,05	0,1	800	1	474

LBG BURETTE WITH PTFE STRAIGHT STOPCOCK, SCHELLBACH TYPE, CLASS A

Designed according to ISO 385 and calibrated to deliver (TD, Ex). With funnel top to make filling easier and safer. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURT-S10-001	10 ml	± 0,025	0,05	540	1	444
BURT-S25-001	25 ml	± 0,04	0,1	560	1	485
BURT-S50-001	50 ml	± 0,05	0,1	800	1	537

BURETTE WITH SCREW TYPE NEEDLE VALVE PTFE STOPCOCK, CLASS A

Manufactured with top quality 3.3 borosilicate glass and calibrated to deliver (TD, Ex). The batch number is printed on each burette. In compliance with ISO 385 and USP. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURS-010-001	10 ml	± 0,03	0,05	540	1	214
BURS-025-001	25 ml	± 0,05	0,10	580	1	264
BURS-050-001	50 ml	± 0,05	0,10	760	1	313

BURETTE WITH SCREW TYPE NEEDLE VALVE PTFE STOPCOCK, SCHELLBACH TYPE, CLASS A

Manufactured with top quality 3.3 borosilicate glass and calibrated to deliver (TD, Ex). The batch number is printed on each burette. In compliance with ISO 385, USP and “Eichordnung” (the German Federal Weights and Measures Regulations). The conformity with “Eichordnung” is certified through the official German “H” sign on each burette according to DIN 12600. Batch certificate, included available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BUBS-010-001	10 ml	± 0,03	0,05	540	1	260
BUBS-025-001	25 ml	± 0,05	0,10	580	1	305
BUBS-050-001	50 ml	± 0,05	0,10	760	1	354

AMBER BURETTE WITH PTFE STRAIGHT STOPCOCK AND FUNNEL TOP, CLASS A

LBG

For photo-sensitive samples. Designed according to ISO 385 and calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack kr
BURA-F10-001	10 ml	± 0,025	0,05	540	1	411
BURA-F25-001	25 ml	± 0,04	0,1	560	1	452
BURA-F50-001	50 ml	± 0,05	0,1	800	1	503

SCHILLING BURETTE

astiK's

1 litre PE reservoir with stable LDPE base. PMP burette with push button for drop-by-drop delivery. According to DIN 12700 standards, Class B

reference	capacity	graduation (ml)	pcs/pack	price/pack kr
SBUP-025-001	25 ml	0,1	1	2246
SBUP-050-001	50 ml	0,1	1	2368

AUTOMATIC TABLE BURETTE, CLASS A

Made of top quality 3.3 borosilicate glass. With two PTFE stopcock and transparent filling reservoir. Richardson bulb included. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	reservoir bottle	ground	pcs/pack	price/pack kr
ABU3-010-001	10 ml	± 0,03	0,05	500 ml	24/29	1	1667
ABU3-025-001	25 ml	± 0,05	0,10	2000 ml	29/32	1	2257
ABU3-050-001	50 ml	± 0,05	0,10	2000 ml	29/32	1	2337

RICHARDSON BULB FOR AUTOMATIC BURETTES

astiK's

Made of red rubber. With a net around the bulb

reference	capacity	type	pcs/pack	price/pack kr
RBER-001-001	500 ml	small	1	124
RBER-002-001	1000 ml	big	1	145

It is necessary to know the possibilities and limitations of volumetric instruments, so that appropriate use can be made.

All volumetric material in good condition can be heated in the drying or sterilizing oven up to 180 °C without fear of volume variation. However, it should always be noted that irregular heating or a sudden change in temperature causes thermal stress which can lead to glass breakage.

LBG

GLASS PASTEUR PIPETTES

Made of soda-lime glass

reference	l (mm)	pcs/pack	price/pack kr
PIPN-150-250	150	250	154
PIPN-230-250	230	250	154
"Saving package"			
PIPN-150-2K0	150	8 x 250	1028
PIPN-230-2K0	230	8 x 250	1028

RUBBER BULB FOR GLASS PASTEUR PIPETTES

Made of natural latex rubber

reference	capacity	l (mm)	pcs/pack	price/pack kr
TELX-002-100	2 ml	40	100	225

astiK's

POLYETHYLENE GRADUATED TRANSFER PASTEUR PIPETTES, STERILE

Individually wrapped in peel-pack packaging. EO (Ethylene oxide) sterilized. Free sterilization certificate available on the website

reference	description	pcs/pack	price/pack kr
PIPP-E01-1K0	graduated each 0.25 ml up to 1 ml, overall vol. 5 ml	1000	751
PIPP-E03-1K0	graduated each 0.5 ml up to 3 ml, overall vol. 7 ml	1000	778

astiK's

POLYETHYLENE GRADUATED TRANSFER PASTEUR PIPETTES, NON-STERILE

Packed in dispenser box

reference	description	pcs/pack	price/pack kr
PIPP-001-500	graduated each 0.25 ml up to 1 ml, overall vol. 5 ml, L 150 mm	500	137
PIPP-002-500	graduated each 0.5 ml up to 2 ml, overall vol. 5 ml, L 155 mm	500	137
PIPP-003-500	graduated each 0.5 ml up to 3 ml, overall vol. 7 ml, L 155 mm	500	143
"Saving package"			
PIPP-001-5K0	graduated each 0.25 ml up to 1 ml, overall vol. 5 ml, L 150 mm	10 x 500	1092
PIPP-003-5K0	graduated each 0.5 ml up to 3 ml, overall vol. 7 ml, L 155 mm	10 x 500	1160

astiK's

POLYETHYLENE NON-GRADUATED TRANSFER PASTEUR PIPETTES, NON-STERILE

Packed in dispenser box

reference	description	pcs/pack	price/pack kr
PIPP-012-500	overall vol. 1.2 ml, length: 65 mm (A)	500	123
PIPP-045-500	overall vol. 4.5 ml, length: 155 mm, 25 drops/ml (B)	500	164
PIPP-050-500	overall vol. 5 ml, length: 154 mm, 23 drops/ml (C)	500	246
PIPP-058-500	fine tip. overall vol. 5.8 ml, length: 156 mm, 50 drops/ml (D)	500	519
PIPP-080-250	overall vol. 8 ml, length: 152 mm, 20 drops/ml (E)	250	123
PIPP-230-100	extra-large, overall vol. 23 ml, length: 300 mm (F)	100	246

POLYETHYLENE NON-GRADUATED TRANSFER PASTEUR PIPETTES, STERILE

astiK's

EO STERILE

Individually wrapped in flow-pack packaging. EO (Ethylene oxide) sterilized. Free sterilization certificate available on the website

reference	description	pcs/pack	price/pack kr
PIPP-E80-1K0	overall vol. 8 ml, length: 157 mm, 20 drops/ml	1000	956

DISPOSABLE SYRINGES, STERILE

bb

EO STERILE

Two-part. Luer cone. Single packed. EO (Ethylene oxide) sterilized. According to ISO 13485. For lab use only, not for medical use. Free sterilization certificate available on the website

reference	capacity	pcs/pack	price/pack kr
SYRI-002-100	2 ml	100	110
SYRI-005-100	5 ml	100	147
SYRI-010-100	10 ml	100	222
SYRI-020-080	20 ml	80	260

DISPOSABLE SYRINGES, LUER LOCK, STERILE

astiK's

EO STERILE

Three-part. With centered Luer Lock (MLL) and elastomere piston for precise dosing. Single packed. EO (Ethylene oxide) sterilized. According to ISO 7886-1, EN 20594-1 and DIN EN ISO 11135-1. Comptatible with Branchia syringe filters. For lab use only, not for medical use. Free sterilization certificate available on the website

reference	capacity	pcs/pack	price/pack kr
SYRL-002-100	2,5 ml	100	269
SYRL-005-100	5 ml	100	280
SYRL-010-100	10 ml	100	441
SYRL-020-080	20 ml	80	616

EASY 5 RUBBER PIPETTE FILLER

EASY

Red natural rubber. With 3 valves for filling, delivery and air release

reference	type	pcs/pack	price/pack kr
EAS5-001-001	standard: for pipettes up to 10 ml	1	88
EAS5-002-001	long: for pipettes up to 100 ml	1	109
"Saving package"			
EAS5-001-025	standard: for pipettes up to 10 ml	25	1504
EAS5-002-025	long: for pipettes up to 100 ml	25	1707

EASY

EASY 8 PIPETTE PUMP FILLER

Made off ABS. With wheel and piston, for easy one-hand control of filling and delivery from any glass or plastic pipettes

reference	type	pcs/pack	price/pack kr
EAS8-002-001	blue: up to 2 ml pipettes	1	82
EAS8-010-001	green: up to 10 ml pipettes	1	82
EAS8-025-001	red: up to 25 ml pipettes	1	82
"Saving package"			
EAS8-002-010	blue: up to 2 ml pipettes	10	683
EAS8-010-010	green: up to 10 ml pipettes	10	683
EAS8-025-010	red: up to 25 ml pipettes	10	683

EASY

EASY 9 PIPETTE CONTROLLER WITH FILTER

To fill and dispense liquid in glass and plastic pipettes from 0.1 to 100 ml. Autoclavable silicone pipette holder. Includes an inner 3.0 µm spare part filter to prevent liquid entrance. Warranty 2 years

reference	type	pcs/pack	price/pack kr
EAS9-001-001	for 0.1 - 100 ml pipettes	1	416
Accessories and spare parts			
EAS9-FIL-002	3.0 µm filter for EASY 9	2	68

EASY

EASY 60β ELECTRONIC PIPETTE FILLING DEVICE

Ergonomic and lightweight design, easy to handle with one hand. For easy, secure and efficient liquid filling and delivery. Can be used with glass or plastic pipettes from 0.1 to 100 ml. Autoclavable hydrophobic 0.45 µm filter preventing excess aspiration. Warranty 2 years

reference	description	pcs/pack	price/pack kr
EASY-B60-001	EASY 60β	1	1543
Accessories and spare parts			
EASY-A01-001	0,45 µm filter for EASY 60β	1	110

EASY

EASY 60+ ELECTRONIC PIPETTE FILLING DEVICE

For easy, secure and efficient liquid filling and delivery. An inner PTFE 0.2 µm filter and a security valve prevent any liquid entrance in the device. The cone fixing the pipettes is autoclavable up to 121 °C. Can be used with glass or plastic pipettes from 0.1 to 100 ml. Easy to use, ergonomical and one-hand control. Wall hanger device and internal rechargeable battery included. Warranty 1 year

reference	description	pcs/pack	price/pack kr
EASY-P60-001	EASY 60+ Pipette filling device, 230 V	1	3547
Accessories and spare parts			
EASY-FIL-005	EASY 60+ spare filter, 0,20 µm	5	563
EASY-FI4-005	EASY 60+ spare filter, 0,45 µm	5	563
EASY-CON-001	EASY 60+ spare fixing cone made of silicone	1	160
EASY-BAT-002	set of 2 Ni-MH batteries for EASY 60+	2	411

EASY 20K BOTTLE TOP DISPENSER

EASY

Good chemical resistance. Made of PTFE, 3.3 borosilicate glass, polypropylene and FEP. High reproducibility of the volumes. The instrument can be screwed directly onto a GL 45 screwthread. For other bottles, use the accompanying adapters for the most common threads in laboratory bottles. Easy to clean and maintain. This instrument is designed for dispensing liquids, observing the following limits: temperature range: +15 to 40 °C of instrument and reagent, vapor pressure up to 500 mbar, density up to 2.2 g/cm³ and the viscosity up to 500 mm²/s Bottle not included. Autoclavable. Check the complete table of chemical compatibilities on our website. Warranty 2 years.

reference	capacity	incr.	accu.	prec.	adapters	pcs/ pack	price/pack kr
EAS2-K05-001	0,5 - 5,0 ml	0,10 ml	± 0,025 ml	0,005 ml	GL 25, 28, 32, 38, S40	1	2229
EAS2-K10-001	1,0 - 10,0 ml	0,20 ml	± 0,05 ml	0,010 ml	GL 25, 28, 32, 38, S40	1	2229
EAS2-K25-001	2,5 - 25,0 ml	0,50 ml	± 0,125 ml	0,025 ml	GL 32, 38, S40	1	2743
EAS2-K50-001	5,0 - 50,0 ml	1,00 ml	± 0,250 ml	0,050 ml	GL 32, 38, S40	1	2743

EASY 20K+ BOTTLE TOP DISPENSER

EASY

Excellent chemical resistance. Made of PTFE, 3.3 borosilicate glass, polypropylene and FEP. High reproducibility of the volumes. The instrument can be screwed directly onto a GL 45 screwthread. For other bottles, use the accompanying adapters for the most common threads in laboratory bottles. Easy to clean and maintain. This instrument is designed for dispensing liquids, observing the following limits: temperature range: +15 to 40 °C of instrument and reagent, vapor pressure up to 500 mbar, density up to 2.2 g/cm³ and the viscosity up to 500 mm²/s. Bottle not included. Autoclavable. Warranty 2 years

reference	capacity	incr.	accu.	prec.	adapters	pcs/ pack	price/pack kr
EAS2-P05-001	0,5 - 5,0 ml	0,10 ml	± 0,025 ml	0,005 ml	GL 25, 28, 32, 38, S40	1	3600
EAS2-P10-001	1,0 - 10,0 ml	0,20 ml	± 0,05 ml	0,010 ml	GL 25, 28, 32, 38, S40	1	3600
EAS2-P25-001	2,5 - 25,0 ml	0,50 ml	± 0,125 ml	0,025 ml	GL 32, 38, S40	1	3600
EAS2-P50-001	5,0 - 50,0 ml	1,00 ml	± 0,250 ml	0,050 ml	GL 32, 38, S40	1	4801
EAS2-10P-001	10,0 - 100,0 ml	2,00 ml	± 0,500 ml	0,050 ml	GL 32, 38, S40	1	4801

EASY 20R+ BOTTLE TOP DISPENSER WITH RECIRCULATION

EASY

Excellent chemical resistance. Made of borosilicate glass and and high chemical resistance materials. High reproducibility of the measurements. Re-circulable valve that prevents liquid leaks. Security lock. Includes calibration tool and 4 universal adapters for bottles. Easy to clean and maintain due to a springless valve design. This instrument is designed for dispensing liquids, under the following conditions of use: temperature range: +15 to 40 °C (instrument and reagent), vapor pressure up to 500 mbar, density up to 2.2 g/cm³ and viscosity up to 500 mm²/s. Each dispenser has been calibrated individually as per EN-ISO 8655. It has a unique serial number engraved and is delivered with a calibration certificate. Autoclavable. Check the complete table of chemical compatibilities on our website. Warranty 2 years

reference	capacity	incr.	accu.	prec.	adapters	pcs/ pack	price/pack kr
EAS2-R05-001	0,5 - 5 ml	0,1 ml	± 0,025 ml	0,01 ml	GL 28-38-45-S40	1	3510
EAS2-R10-001	1 - 10 ml	0,2 ml	± 0,050 ml	0,02 ml	GL 28-38-45-S40	1	3510
EAS2-R25-001	2,5 - 25 ml	0,5 ml	± 0,125 ml	0,05 ml	GL 28-38-45-S40	1	3923
EAS2-R50-001	5 - 50 ml	1,00 ml	± 0,250 ml	0,1 ml	GL 28-38-45-S40	1	3923
EAS2-10R-001	10 - 100 ml	2,00 ml	± 0,500 ml	0,2 ml	GL 28-38-45-S40	1	3923

"CALIBRATION CERTIFICATE FOR FIXED VOLUME MICROPIPETTES

Delivered by a laboratory approved by ENAC under ISO 17025 standards, recognized by similar accreditation bodies in 50 countries, such as COFRAC (France), DKD (Germany) or UKAS (UK). The calibration procedure includes calibration at 1 point according to UNE-EN ISO 8655 standards (100% of the nominal volume). The laboratory issues calibration certificates for the micropipettes in digital format. Note: Company data are mandatory for issuing a certificate. Exclusive for new Labbox micropipettes, must be ordered with the micropipette.
Delivery time 10 days

reference	description	pcs/pack	price/pack kr
CERM-E01-001	1 volume, 10 repetitions	1	1422

"CALIBRATION CERTIFICATE FOR VARIABLE VOLUME MICROPIPETTES

Delivered by a laboratory approved by ENAC under ISO 17025 standards, recognized by similar accreditation bodies in 50 countries, such as COFRAC (France), DKD (Germany) or UKAS (UK). The standard calibration procedure includes the 3-point calibration according to UNE-EN ISO 8655 (1st point to 100% of the nominal volume, 2nd point to 50% of the nominal volume and 3rd point to the lower limit of the useful volume range or 10% of the nominal volume, whichever is higher). The laboratory issues calibration certificates for the micropipettes in digital format. Note: Company data are mandatory for issuing a certificate. Exclusive for new micropipettes, must be ordered with the micropipette. Delivery time 10 days

reference	description	pcs/pack	price/pack kr
CERM-E02-001	3 volume, 10 repetitions	1	1538

EASY 30 + FIXED VOLUME MICROPIPETTE

Reduced weight, ergonomic design and smooth pushing system to minimize hand and finger tiredness. Minimum body heat transfer to internal parts for high accuracy even during continuous use. Autoclavable tip cone. Each micropipette was individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number and delivered with a calibration report. See the spare parts available for these micropipettes on our website. Warranty 3 years

reference	capacity	accuracy	precision	pcs/pack	price/pack kr
EASC-10P-001	100 µl	±0,5%	±0,3%	1	591
EASC-20P-001	200 µl	±0,4%	±0,2%	1	591
EASC-50P-001	500 µl	±0,3%	±0,2%	1	591
EASC-1KP-001	1000 µl	±0,3%	±0,15%	1	591

The compatibilities of the astiK's tips for micropipette are indicated for informational purposes to facilitate the change between brands and are indicated in the same descriptions and in more detail in the table that you can find on our website. In case you still have doubts about the compatibility of these tips with your micropipette or are interested in purchasing our tips for the first time, it is advisable to carry out a test before use. Feel free to contact our customer service department to request free samples without obligation

EASY 40 + VARIABLE VOLUME MICROPIPETTE

EASY

Reduced weight, ergonomic design and smooth pushing system to minimize hand and finger tiredness. Minimum body heat transfer to internal parts for high accuracy even during continuous use. Autoclavable tip cone. Tip ejection mechanism (except in EASD-10K-001). Accurate volume adjustment with an audible "click" signal to avoid mistakes. Each micropipette was individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number and delivered with a calibration report. See the spare parts available for these micropipettes on our website. Warranty 3 years

reference	capacity	increment	accuracy	precision	pcs/pack	price/pack kr
EASD-P02-001	0,1 - 2,5 µl	0,01 µl	±12,0% - 2,5%	±6,0% - 1,6%	1	1160
EASD-P10-001	0,5 - 10 µl	0,1 µl	±2,5% - 1,0%	±1,5% - 0,8%	1	1160
EASD-P20-001	2 - 20 µl	0,1 µl	±2,0% - 1,8%	±2,0% - 0,4%	1	1160
EASD-P50-001	5 - 50 µl	0,5 µl	±3,0% - 0,9%	±2,0% - 0,3%	1	1160
EASD-10P-001	10 - 100 µl	0,5 µl	±3,0% - 0,8%	±1,5% - 0,15%	1	1160
EASD-20P-001	20 - 200 µl	1,0 µl	±2,0% - 0,6%	±0,8% - 0,15%	1	1160
EASD-1KP-001	100 - 1000 µl	5,0 µl	±2,0% - 0,6%	±0,7% - 0,2%	1	1160
EASD-5KP-001	500 - 5000 µl	50,0 µl	±2,0% - 0,5%	±0,6% - 0,2%	1	1160
EASD-10K-001	1000 - 10000 µl	100,0 µl	±3,0% - 0,6%	±0,6% - 0,2%	1	1297

EASY 40 ELITE VARIABLE VOLUME MICROPIPETTE

EASY

121°

Micropipettes of "Elite" series are the result of manufacturing with and innovative materials. The micropipettes EASY 40 Elite series offer a ligth and ergonomic design, clear and easy-to-read display with large numbers and small increments. Fully autoclavable at 121 °C without the need of disassembly. Intuitive operation with one hand. Easy calibration and maintenance. Besides each micropipette was individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number and delivered with a calibration report. Warranty 2 years

reference	capacity	increment	accuracy	precision	pcs/pack	price/pack kr
EASD-E02-001	0,1 - 2,5 µl	0,05 µl	±12,0% - 2,5%	±6,0% - 2,0%	1	1229
EASD-E10-001	0,5 - 10 µl	0,1 µl	±2,5% - 1,0%	±1,5% - 0,8%	1	1229
EASD-E20-001	2 - 20 µl	0,5 µl	±3,0% - 0,9%	±2,0% - 0,4%	1	1229
EASD-E50-001	5 - 50 µl	0,5 µl	±2,0% - 0,6%	±2,0% - 0,3%	1	1229
EASD-10E-001	10 - 100 µl	1,0 µl	±3,0% - 0,8%	±1,5% - 0,15%	1	1229
EASD-20E-001	20 - 200 µl	1,0 µl	±3,0% - 0,6%	±1,0% - 0,15%	1	1229
EASD-1KE-001	100 - 1000 µl	5,0 µl	±2,0% - 0,6%	±0,7% - 0,2%	1	1229
EASD-5KE-001	1000 - 5000 µl	50,0 µl	±0,7% - 0,5%	±0,3% - 0,15%	1	1229

ACCESSORIES FOR EASY MICROPIPETTES

EASY

Stands for 4 or 6 micropipettes EASY 30+, EASY 40+ and EASY 40 Elite

reference	description	pcs/pack	price/pack kr
EASS-P04-001	stand for 4 micropipettes EASY 30+ and 40+	1	441
EASS-P06-001	stand for 6 micropipettes EASY 30+ and 40+	1	645
EASS-RX6-001	rotary stand for 6 micropipettes EASY 40 Xpert	1	1032
EASS-L06-001	linear stand for 6 micropipettes EASY 40 Elite and HiPette	1	326
EASS-R06-001	rotary stand for 6 micropipettes EASY 40 Elite	1	491

EASY

VARIABLE VOLUME MICROPIPETTE EASY 40 XPERT

Pipetting with minimal effort thanks to a magnet-assisted piston that ensures unmatched consistency in results. Fatigue-free experience powered by an ergonomic design approach, unique shock-absorbing tip ejector and comfortable finger rest. Precise adjustment of the desired volume with large 4-digit display. High-quality materials with great durability and prevention against chemical and physical corrosion. Fully autoclavable. Each micropipette has been individually calibrated according to ISO 8655-6 and 17025 and has an engraved unique serial number and is supplied with a calibration certificate. 3 year warranty

reference	capacity	increment	accuracy	precision	pcs/pack	price/pack kr
EASD-X02-001	0,1 - 2,5 µl	0,002 µl	2,5 %	1,5 %	1	2034
EASD-X10-001	0,5 - 10 µl	0,02 µl	1,5 %	0,8 %	1	2034
EASD-X20-001	2 - 20 µl	0,02 µl	1,2 %	0,6 %	1	2034
EASD-X50-001	5 - 50 µl	0,1 µl	0,8 %	0,4 %	1	2034
EASD-10X-001	10 - 100 µl	0,1 µl	1 %	0,3 %	1	2034
EASD-20X-001	20 - 200 µl	0,2 µl	0,7 %	0,2 %	1	2034
EASD-30X-001	30 - 300 µl	0,2 µl	0,7 %	0,2 %	1	2034
EASD-1KX-001	100 - 1000 µl	1 µl	1 %	0,2 %	1	2034
EASD-5KX-001	500 - 5000 µl	10 µl	1,2 %	0,2 %	1	2170
EASD-1XX-001	1000 - 10000 µl	20 µl	0,8 %	0,2 %	1	2170

EASY

VARIABLE VOLUME MULTICHANNEL MICROPIPETTE EASY 40 XPERT

Pipetting with minimal effort thanks to a magnet-assisted piston that ensures unmatched consistency in results. Fatigue-free experience powered by an ergonomic design approach, unique shock-absorbing tip ejector and comfortable finger rest. Precise adjustment of the desired volume with large 4-digit display. All internal components of the manifold are made of high quality alloys to provide precise volume in all channels. Easily removable 360° rotating manifold for convenient maintenance. Fully autoclavable. Each micropipette has been individually calibrated according to ISO 8655-6 and 17025 and has an engraved unique serial number and is supplied with a calibration certificate. 3 year warranty

reference	channels	capacity	increment	accuracy	precision	pcs/pack	price/pack kr
EASD-G10-001	8	0,5 - 10 µl	0,02 µl	0,04 %	0,02 %	1	5446
EASD-T10-001	12	0,5 - 10 µl	0,02 µl	0,04 %	0,02 %	1	5446
EASD-G20-001	8	2 - 20 µl	0,02 µl	0,03 %	0,02 %	1	5446
EASD-T20-001	12	2 - 20 µl	0,02 µl	0,03 %	0,02 %	1	5446
EASD-G50-001	8	5 - 50 µl	0,1 µl	1,5 %	0,01 %	1	5446
EASD-T50-001	12	5 - 50 µl	0,1 µl	1,5 %	0,01 %	1	5446
EASD-10G-001	8	10 - 100 µl	0,1 µl	0,01 %	0,8 %	1	6811
EASD-10T-001	12	10 - 100 µl	0,1 µl	0,01 %	0,8 %	1	6811
EASD-20G-001	8	20 - 200 µl	0,2 µl	0,01 %	0,4 %	1	6811
EASD-20T-001	12	20 - 200 µl	0,2 µl	0,01 %	0,4 %	1	6811
EASD-30G-001	8	30 - 300 µl	0,2 µl	0,01 %	0,5 %	1	6811
EASD-30T-001	12	30 - 300 µl	0,2 µl	0,01 %	0,5 %	1	6811

EASY W VARIABLE VOLUME MOTORIZED DIGITAL MICROPIPETTE

EASY

Innovative digital micropipette that combines the easy handling of a manual micropipette with the functions of an electronic micropipette: Pipetting, Mixing, Stepper and Dilution. Designed for maximum performance, accuracy and simple operation, can eliminate manual pipetting errors. Ergonomic design and small body dimensions to reduce hand and finger tiredness. Light weight nearly equal to a manual pipette. Easy self-calibration system. USB port to connect to the PC allows to calibrate using the manufacturer's software. Lithium-ion battery. Includes a wall stand with charging function. Each electronic micropipette has been individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number, and is delivered with a calibration report. Warranty 2 years

reference	capacity	increment	accuracy	precision (CV)	pcs/pack	price/pack kr
EASW-010-001	0,5 - 10 µl	0,01 µl	±3,5% - 1,0%	3,0% - 0,5%	1	5315
EASW-050-001	5 - 50 µl	0,1 µl	±3,0% - 0,8%	2,5% - 0,3%	1	5315
EASW-300-001	30 - 300 µl	1 µl	±3,0% - 0,6%	0,7% - 0,2%	1	5315
EASW-1K0-001	100 - 1000 µl	5 µl	±3,0% - 0,6%	0,6% - 0,2%	1	5315

VARIABLE VOLUME MICROPIPETTE HIPETTE

DLAB

121°

HiPette micropipettes offer premium performance for precise and comfortable pipetting. The design is ultra light, less than 75 grams and ergonomic. It is designed to offer minimal resistance to pipetting. The first stop offers a resistance of 4N and the second of 10N, thus avoiding variations in continuous handling and guaranteeing maximum reproducibility. It is fully autoclavable and resistant to corrosive agents. Easy to calibrate and maintain. In addition, each micropipette has been individually calibrated according to the EN-ISO 8655 standard, has a unique serial number engraved and is delivered with a calibration certificate. 2 year warranty

reference	capacity	increment	accuracy	precision (CV)	pcs/pack	price/pack kr
EASH-H02-001	0,1 - 2,5 µl	0,002 µl	±12,0% - 1,4%	±6,0% - 0,7%	1	1624
EASH-H10-001	0,5 - 10 µl	0,1 µl	±2,5% - 1,0%	±1,8% - 0,4%	1	1624
EASH-H20-001	2 - 20 µl	0,02 µl	±5,0% - 1,0%	±1,5% - 0,3%	1	1624
EASH-10H-001	10 - 100 µl	0,1 µl	±2,0% - 0,6%	±2,0% - 0,3%	1	1624
EASH-20H-001	20 - 200 µl	0,2 µl	±3,0% - 0,8%	±1,0% - 0,2%	1	1624
EASH-30H-001	30 - 300 µl	0,2 µl	±2,5% - 0,6%	±0,7% - 0,2%	1	1624
EASH-1KH-001	100 - 1000 µl	1 µl	±3,0% - 0,6%	±0,6% - 0,2%	1	1624
EASH-5KH-001	1000 - 5000 µl	5 µl	±1,2% - 0,6%	±0,3% - 0,2%	1	1624
EASH-10K-001	2000 - 10000 µl	10 µl	±1,5% - 0,6%	±0,3% - 0,2%	1	1624

MICROPIPETTE TIPS, POLYPROPYLENE, 0,5 - 10 µl *STANDARD LINE*

astiK's

121°

A

B

Two types available: Gilson type (compatible with EASY 40 , Gilson, HTL, Biohit, Finnpipette, Jencons, Genex, Nichiryo, Kartell) and Eppendorf type (compatible with EASY 40 Elite, Eppendorf, Gilson, Biohit, Brand, Socorex, HTL). Natural color

reference	type	pcs/pack	price/pack kr
TIPP-010-1K0	0.5 - 10 µl Gilson type (A)	1000	55
TIPP-011-1K0	0.5 - 10 µl Eppendorf type (B)	1000	68
"Saving package"			
TIPP-010-40K	0.5 - 10 µl Gilson type (A)	40 x 1000	1638
TIPP-011-20K	0.5 - 10 µl Eppendorf type (B)	20 x 1000	1024

MICROPIPETTE TIPS, POLYPROPYLENE, 2 - 200 µl *STANDARD LINE*

Two models available: Gilson type (compatible with EASY 40 , Gilson, Eppendorf, HTL, Biohit, Finnpipette, Jencons, Genex, Nichiryo, Kartell, Socorex) and Eppendorf type (compatible with EASY 40 Elite, Eppendorf, Socorex, Nichiryo, Biohit, Brand)

reference	type	pcs/pack	price/pack kr
In bulk			
TIPP-200-1K0	2 - 200 µl Gilson type, yellow (A)	1000	70
TIPP-201-1K0	2 - 200 µl Eppendorf type, yellow (B)	1000	66
“Saving package” (bulk)			
TIPP-200-10K	2 - 200 µl Gilson type, yellow (A)	10 x 1000	608
TIPP-201-10K	2 - 200 µl Eppendorf type, yellow (B)	10 x 1000	579
Racks			
TIPB-200-096	2 - 200 µl Gilson type, yellow	96	50
TIPB-201-096	2 - 200 µl Eppendorf type, yellow	96	50
“Saving package” (10 racks tower)			
TIPB-200-960	2 - 200 µl Gilson type, yellow, in 10 racks tower	10 x 96	402
TIPB-201-960	2 - 200 µl Eppendorf type, yellow, in 10 racks tower	10 x 96	402

MICROPIPETTE TIPS, POLYPROPYLENE, 100 - 1000 µl *STANDARD LINE*

Three models available: Gilson type (specially designed for Gilson Pipetman), Eppendorf type (compatible with Eppendorf, Socorex, Nichiryo Biohit, Brand) and Universal type (compatible with EASY, Gilson, Eppendorf, HTL, Biohit, Finnpipette, Jencons, Genex, Nichiryo, Kartell, Socorex)

reference	type	pcs/pack	price/pack kr
In bulk			
TIPP-1K0-1K0	100 - 1000 µl Gilson type, blue (A)	1000	137
TIPP-1K1-1K0	100 - 1000 µl Eppendorf type, blue (B)	1000	122
TIPP-1K2-500	100 - 1000 µl universal type, blue (C)	500	48
“Saving package” (bulk)			
TIPP-1K0-10K	100 - 1000 µl Gilson type, blue (A)	10 x 1000	1202
TIPP-1K1-10K	100 - 1000 µl Eppendorf type, blue (B)	10 x 1000	1020
TIPP-1K2-10K	100 - 1000 µl universal type, blue (C)	20 x 500	860
Racks			
TIPB-1K0-096	100 - 1000 µl Gilson type, blue (A)	96	61
“Saving package” (in 5 racks tower)			
TIPB-1K0-480	100 - 1000 µl Gilson type, blue (A), in 5 racks tower	5 x 96	234

MICROPIPETTE TIPS, POLYPROPYLENE, 1 - 5 ml *STANDARD LINE*

Gilson type, compatible with Gilson, Socorex. Natural color

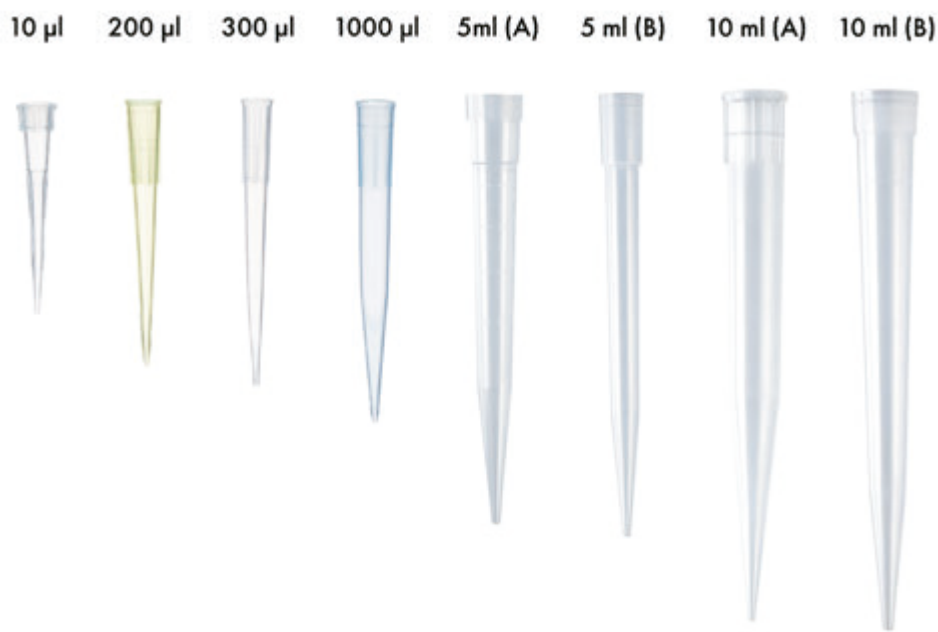
reference	type	pcs/pack	price/pack kr
TIPP-5K0-250	1 - 5 ml, Gilson type	250	117

MICROPIPETTE TIPS, POLYPROPYLENE *PREMIUM LINE*

astiK's

Made of 100% virgin polypropylene. Specially designed for PCR and other molecular biology assays. DNase, RNase and Pyrogen-free. Compatible with most micropipette brands, check the specific list on our website. Packed in sterile polypropylene racks and bags of 1000 non-sterile tips. Natural colour. The non-sterile references can be autoclaved. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
In bulk, non-sterile			
TICD-010-1K0	10 µl	1000	109
TICD-200-1K0	200 µl	1000	109
TIAD-300-1K0	300 µl	1000	121
TICD-1K0-1K0	1000 µl	1000	205
TIAD-5K0-100	5 ml, Eppendorf type (A)	100	174
TIAD-5K1-100	5 ml, Gilson type	100	223
TIAD-10K-100	10 ml, (A)	100	478
TIAD-1BK-100	10 ml, (B)	100	478
Racks, sterile			
TICD-010-096	10 µl	96	49
TICD-200-096	200 µl	96	49
TICD-1K0-096	1000 µl	96	66
"Saving package" (racks)			
TICD-010-960	10 µl	10 x 96	382
TICD-200-960	200 µl	10 x 96	382
TICD-1K0-960	1000 µl	10 x 96	519

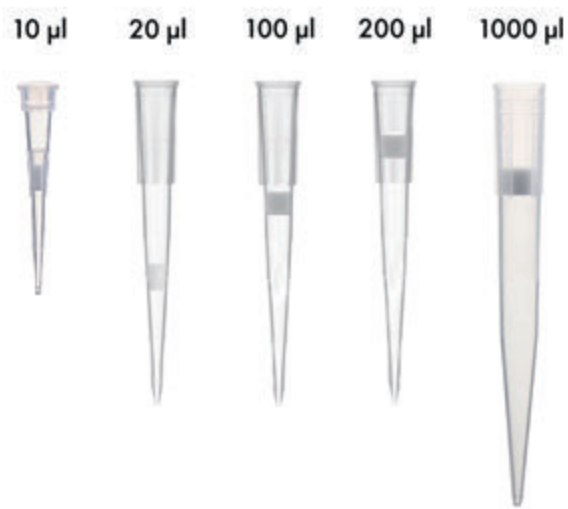


astiK's

FILTERED MICROPIPETTE TIPS, POLYPROPYLENE *PREMIUM LINE*

Made of 100% virgin polypropylene. Specially designed for PCR and other molecular biology assays. DNase, RNase and Pyrogen-free. Compatible with most micropipette brands, check the specific list on our website. Packed in sterile polypropylene racks and bags of 1000 non-sterile tips. Natural colour. The non-sterile references can be autoclaved. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
In bulk, non-sterile			
TICF-010-1K0	10 µl	1000	382
TICF-020-1K0	20 µl	1000	491
TICF-100-1K0	100 µl	1000	491
TICF-200-1K0	200 µl	1000	491
TICF-1K0-1K0	1000 µl	1000	628
Racks, sterile			
TICF-010-096	10 µl	96	49
TICF-020-096	20 µl	96	61
TICF-100-096	100 µl	96	61
TICF-200-096	200 µl	96	61
TICF-1K0-096	1000 µl	96	102
"Saving package" (racks)			
TICF-010-960	10 µl	10 x 96	396
TICF-020-960	20 µl	10 x 96	505
TICF-100-960	100 µl	10 x 96	505
TICF-200-960	200 µl	10 x 96	505
TICF-1K0-576	1000 µl	6 x 96	505



TIPS IN CARDBOARD RACK *PREMIUM LINE*

astiK's

An environmentally friendly solution that offers a unique combination of lightweight, durable, and biodegradable materials. Primarily made from 100% biodegradable material, reducing plastic consumption by 60% compared to traditional alternatives. Features a durable and robust design. After use, these racks can be easily crushed and disposed of, providing a cost-effective and eco-friendly solution. They are pre-sterilized (non-autoclavable) and optimized for stacking, eliminating the plastic burden associated with traditional racks while maintaining quality. Tips are made from 100% virgin polypropylene and are free from DNase, RNase, and pyrogens. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
Without filter			
TIED-010-096	10 µl	96	53
TIED-020-096	20 µl	96	54
TIED-200-096	200 µl	96	55
TIED-1K0-096	1000 µl	96	69
With filter			
TIEF-010-096	10 µl	96	56
TIEF-020-096	20 µl	96	63
TIEF-100-096	100 µl	96	63
TIEF-200-096	200 µl	96	63
TIEF-1K0-096	1000 µl	96	73

ULTRA LOW RETENTION, MICROPIPETTE TIPS, POLYPROPYLENE *PREMIUM LINE*

astiK's

Manufactured to create a “super hydrophobic“ internal surface that reduces the binding and increases sample delivery accuracy. On average ULR tips reduce tip retention by nearly 85 % and decrease the standard deviation of the retained volume by more than 75 %. Human DNA-free and certified free from DNase, RNase and PCR inhibitors. Presented in sterile polypropylene racks. Natural color. Natural color. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
TIAU-010-096	10 µl ULR	96	60
TIAU-020-096	20 µl ULR	96	95
TIAU-200-096	200 µl ULR	96	60
TIAU-1K0-096	1000 µl ULR	96	76
“Saving package”			
TIAU-010-960	10 µl ULR	10 x 96	463
TIAU-020-960	20 µl ULR	10 x 96	556
TIAU-200-960	200 µl ULR	10 x 96	463
TIAU-1K0-576	1000 µl ULR	6 x 96	351

PP ROBOTIC TIPS, TECAN TYPE *PREMIUM LINE*

Premium-grade virgin polypropylene tips manufactured with USP class VI resins. Electrically conductive. Meticulously validated on the specific instrument they are designed for, ensuring precision. The included polycarbonate tray features color-coding for easy volume identification. Manufactured in an ISO-certified 9001 and 13485 facility, these tips are certified Endotoxin, Heavy Metals, RNase, DNase, and DNA-free, and are available in sterile, and filtered sterile formats, with a polyethylene filter to prevent aerosol contamination. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
Blister pack, sterile			
TIRT-010-096	10 µl, grey rack	96	119
TIRT-F10-096	10 µl, with filter, grey rack	96	146
TIRT-200-096	200 µl, blue rack	96	139
TIRT-20F-096	200 µl, with filter, blue rack	96	166
TIRT-1K0-096	1000 µl, yellow rack	96	189
TIRT-1KF-096	1000 µl, with filter, yellow rack	96	219
Flip box, non-sterile			
TIRT-010-192	10 µl, grey rack	2 x 96	182
TIRT-200-192	200 µl, blue rack	2 x 96	223
TIRT-1K0-192	1000 µl, yellow rack	2 x 96	312

REAGENT RESERVOIR

Polypropylene reservoirs for multichannel pipetting. Available in 10 non-sterile units bag or in single wrapped sterile bags. Sterilized by ethylene oxide. Free sterilization certificate available on the website

reference	capacity	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack kr
RTIP-051-010	50 ml	148	61	26	non-sterile	10	35
RTIP-E51-250	50 ml	148	61	26	sterile, single wrapped	250	1152

REAGENT RESERVOIR WITH LID

USP VI PP reservoir with lid. V-shape Bottom for single or multi-channel pipetting. It can be reused and autoclaved. Clear graduation and DNase/RNase free

reference	capacity	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack kr
RTIP-L60-025	60 ml	140	55	34	non stérile	25	425

DIGITAL BURETTE EASY 70

Volume range between 0,01 ml and 99,99 ml. The burette's momentum is motorized, which allows a precise and comfortable evaluation, supported by convenient bottle-top titration. Fully-digital controls on the parameters settings and burette process. Large LCD screen. All parameters can be set in the controller. Haves an extra interface to store and export experimental data. Max. piston lift is 10 ml. Each digital burette was individually calibrated according to EN-ISO 8655 standard. Warranty 2 years. Check the complete table of chemical compatibilities on the website

reference	accuracy R (%)	precision CV (%)	increment	pcs/pack	price/pack kr
EASY-070-001	0,2	0,07	10 µl	1	11401

HIGH PRECISION PERISTALTIC PUMP, P10 COMPACT

Peristaltic pump ideal for techniques that require high precision in the dispensing of small volumes. Reversible flow. LED display with 4 digits. It includes accessories such as a pedal for manual flow control, two-meter-long and 4 mm diameter silicone tube, two check valves, two plastic connectors and a filling nozzle. 220 V / 50-60 Hz. Compatible with RS485 / MODBUS communication protocol. 1 year warranty

référence	dimensions (L x A x H)	flow rate at atm. pres. (ml/mm)	speed range	pcs/pack	price/pack kr
PUMP-10C-001	114 x 84 x 98 mm	0.0 ~ 28,25	0,1 - 100 rpm	1	4480

DISPENSING PERISTALTIC PUMP, P10

Peristaltic pump with continuous transfer and dispensing function. Suitable for high flow volumes, high efficiency, and precise dispensing. Reversible flow. LED display with 4 digits. It includes accessories such as a pedal for manual flow control, two-meter-long and 10 mm diameter silicone tube, two check valves, two plastic connectors and a filling nozzle. 220 V / 50-60 Hz. Compatible with RS485 / MODBUS communication protocol. 1 year warranty

référence	dimensions (L x A x H)	flow rate at atm. pres. (ml/mm)	speed range	pcs/pack	price/pack kr
PUMP-10J-001	234 x 154 x 143 mm	0,007 ~ 380	0,1 - 100 rpm	1	8623
PUMP-30J-001	234 x 154 x 143 mm	0,007 ~ 1140	0,1 - 300 rpm	1	12409
PUMP-60J-001	254 x 184 x 150 mm	0,007 ~ 2280	0,1 - 600 rpm	1	15858

DISPENSING PERISTALTIC PUMP, P10+ TOUCH

Peristaltic pump with continuous transfer and dispensing function. LCD touch screen and 4 smart modes; transfer, timing, quantitative, and quantitative/transfer mode. Low consumption and low noise motor. It includes accessories such as a pedal for manual flow control, two-meter-long and 10 mm diameter silicone tube, two check valves, two plastic connectors and a filling nozzle. 220 V / 50-60 Hz. Compatible with RS485 / MODBUS communication protocol. 1 year warranty

référence	dimensions (L x A x H)	flow rate at atm. pres. (ml/mm)	speed range	pcs/pack	price/pack kr
PUMP-30T-001	212 x 135 x 240 mm	0,007 ~ 1140	0,1 - 300 rpm	1	16537
PUMP-60T-001	212 x 135 x 240 mm	0,007 ~ 2280	0,1 - 600 rpm	1	20345

VACUUM ASPIRATOR, ST20

Small and compact vacuum aspirator for liquid waste disposal. The handle operation is simple and flexible. Manual aspiration and continuous aspiration mode, reducing hand fatigue and improving efficiency. The hydrophobic filter prevents aerosol and liquids contamination. Brushless motor and low noise. Includes a 2 L bottle, 8-channel needle, and detrusion adapters for 200 µl and 1 ml tips and 8-channel 200 µl tips (tips not included). All parts in touch with the liquid flow can be autoclaved. Warranty 2 years

référence	dimensions (L x A x H)	max. vaccum	flow rate at atm. pres. (ml/mm)	aspiration speed	pcs/pack	price/pack kr
VAAS-0E1-001	180 x 240 x 340 mm	0 - 500 mbar	17 ml/s	15 L/min	1	7201

RECOMMENDED TIPS FOR EASY MICROPIPETTES

	Capacity	Standard Line	Premium Line	ULR Premium Line	Filtered Premium Line
EASY 40+					
EASD-P02-001	0,1 - 2,5 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-P10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-P20-001	2 - 20 µl	-	-	-	
EASD-P50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10P-001	10 - 100 µl	TIPP-200-***	TICD-200-***	TICU-200-***	TICF-100-***, TICF-200-***
EASD-20P-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-1KP-001	100 - 1000 µl	TIPP-1K0-***, TIPP-1K1-***, TIPP-1K2-***	TICD-1K0-***	TICU-1K0-***	TICF-1K0-***
EASD-5KP-001	500 - 5000 µl	-	TIAD-5K0-***, TIAD-5K1-***	-	-
EASD-10K-001	1000 - 10000 µl	-	TIAD-10K-***	-	-
EASY 40 ELITE					
EASD-E02-001	0,1 - 2,5 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-E10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-E20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-E50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10E-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20E-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-1KE-001	100 - 1000 µl	TIPP-1K0-***, TIPP-1K1-***, TIPP-1K2-***	TIAD-1K0-***	TICU-200-***	TICF-1K0-***
EASD-5KE-001	1000 - 5000 µl	-	TIAD-5K0-***	-	-
EASY 40 Xpert					
EASD-X02-001	0,1 - 2,5 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-X10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-X20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-X50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10X-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20X-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-30X-001	30 - 300 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-1KX-001	100 - 1000 µl	TIPP-1K0-***, TIPP-1K1-***, TIPP-1K2-***	TIAD-1K0-***	TICU-1K0-***	TICF-1K0-***
EASD-5KX-001	1000 - 5000 µl	-	TIAD-5K0-***, TIAD-5K1-***	-	-
EASD-1XX-001	1000 - 10000 µl	-	TIAD-1BK-100	-	-
EASY 40 Xpert 8-channels					
EASD-G10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-G20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-G50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10G-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20G-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASY 40 Xpert 12-channels					
EASD-T10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-T20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-T50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10T-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20T-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-30T-001	30 - 300 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***

Visit our website to check the complete table

GLASS BEADS

LBG

For boiling control and other laboratory uses

reference	Ø (mm)	accuracy (mm)	pcs / kg	kg / L	package	price/pack kr
BEAD-002-1K0	2	± 0,2	95493	1,550	1 kg	245
BEAD-004-1K0	4	± 0,3	11937	1,565	1 kg	251
BEAD-006-1K0	6	± 0,3	3537	1,540	1 kg	257
BEAD-008-1K0	8	± 0,4	1492	1,505	1 kg	269

BOILING FLASK ROUND BOTTOM

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
BFL3-005-001	5 ml	27	60	14/23	1	53
BFL3-010-001	10 ml	33	68	14/23	1	53
BFL3-025-001	25 ml	41	75	14/23	1	50
BFL3-050-001	50 ml	53	88	14/23	1	54
BFL3-052-001	50 ml	53	94	19/26	1	62
BFL3-051-001	50 ml	53	105	29/32	1	77
BFL3-100-001	100 ml	65	100	14/23	1	57
BFL3-102-001	100 ml	65	106	19/26	1	79
BFL3-103-001	100 ml	65	109	24/29	1	79
BFL3-101-001	100 ml	65	117	29/32	1	79
BFL3-251-001	250 ml	88	134	19/26	1	88
BFL3-252-001	250 ml	88	139	24/29	1	88
BFL3-250-001	250 ml	88	145	29/32	1	88
BFL3-502-001	500 ml	110	158	19/26	1	106
BFL3-500-001	500 ml	110	167	29/32	1	106
BFL3-1K0-001	1000 ml	140	199	29/32	1	144
BFL3-2K0-001	2000 ml	175	234	29/32	1	387
"Saving package"						
BFL3-005-012	5 ml	27	60	14/23	12	532
BFL3-010-012	10 ml	33	68	14/23	12	532
BFL3-025-012	25 ml	41	75	14/23	12	513
BFL3-050-012	50 ml	53	88	14/23	12	564
BFL3-052-012	50 ml	53	94	19/26	12	644
BFL3-051-012	50 ml	53	105	29/32	12	804
BFL3-100-012	100 ml	65	100	14/23	12	590
BFL3-102-012	100 ml	65	106	19/26	12	830
BFL3-103-012	100 ml	65	109	24/29	12	830
BFL3-101-012	100 ml	65	117	29/32	12	830
BFL3-251-010	250 ml	88	134	19/26	10	770
BFL3-252-010	250 ml	88	139	24/29	10	770
BFL3-250-010	250 ml	88	145	29/32	10	770
BFL3-502-006	500 ml	110	158	19/26	6	556
BFL3-500-006	500 ml	110	167	29/32	6	556
BFL3-1K0-006	1000 ml	140	199	29/32	6	721
BFL3-2K0-002	2000 ml	175	234	29/32	2	644

BOILING FLASK ROUND BOTTOM

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4797 and USP standard

reference	capacity	Ø (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
BFLG-025-001	25 ml	41	85	14/23	1	53
BFLG-050-001	50 ml	51	90	14/23	1	63
BFLG-051-001	50 ml	51	90	29/32	1	75
BFLG-100-001	100 ml	64	105	14/23	1	84
BFLG-101-001	100 ml	64	105	29/32	1	108
BFLG-252-001	250 ml	85	140	24/29	1	111
BFLG-250-001	250 ml	85	140	29/32	1	129
BFLG-500-001	500 ml	105	163	29/32	1	191
BFLG-1K0-001	1000 ml	131	200	29/32	1	305
BFLG-2K0-001	2000 ml	166	240	29/32	1	525
BFLG-3K0-001	3000 ml	185	260	29/32	1	695
BFLG-5K0-001	5000 ml	223	305	29/32	1	986
"Saving package"						
BFLG-025-010	25 ml	41	85	14/23	10	444
BFLG-050-010	50 ml	51	90	14/23	10	523
BFLG-051-010	50 ml	51	90	29/32	10	625
BFLG-100-010	100 ml	64	105	14/23	10	675
BFLG-101-010	100 ml	64	105	29/32	10	823
BFLG-252-010	250 ml	85	140	24/29	10	928
BFLG-250-010	250 ml	85	140	29/32	10	975
BFLG-500-010	500 ml	105	163	29/32	10	1339
BFLG-1K0-010	1000 ml	131	200	29/32	10	2141
BFLG-2K0-006	2000 ml	166	240	29/32	6	2623

CORK FLASK STAND

For rounded-bottom flasks

reference	$Ø_{inside}$ (mm)	Ø (mm)	type	pcs/pack	price/pack kr
CORK-080-001	26	80	up to 100 ml flasks	1	69
CORK-100-001	48	100	up to 250 ml flasks	1	77
CORK-120-001	68	120	up to 500 ml flasks	1	100
CORK-140-001	88	140	up to 1000 ml flasks	1	125

POLYETHYLENE FLASK STAND

For rounded-bottom flasks. High chemical resistance. Withstands up to 121 °C

reference	Ø (mm)	type	pcs/pack	price/pack kr
FLSP-001-001	160	up to 10 L flasks	1	82

EVAPORATING FLASK STANDARD GROUND MOUTH

Manufactured with top quality 3.3 borosilicate glass. To be used in a rotary evaporator

reference	capacity	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
FLEG-051-001	50 ml	94	29/32	1	85
FLEG-101-001	100 ml	110	29/32	1	115
FLEG-250-001	250 ml	140	29/32	1	150
FLEG-500-001	500 ml	170	29/32	1	198
FLEG-1K0-001	1000 ml	210	29/32	1	398
FLEG-2K0-001	2000 ml	250	29/32	1	581

BOILING FLASK FLAT BOTTOM

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
BFF3-025-001	25 ml	41	75	14/23	1	54
BFF3-050-001	50 ml	53	88	14/23	1	59
BFF3-052-001	50 ml	53	94	19/26	1	59
BFF3-100-001	100 ml	65	100	14/23	1	62
BFF3-102-001	100 ml	65	106	19/26	1	80
BFF3-103-001	100 ml	65	109	24/29	1	80
BFF3-101-001	100 ml	65	117	29/32	1	80
BFF3-252-001	250 ml	88	134	19/26	1	93
BFF3-253-001	250 ml	88	139	24/29	1	93
BFF3-250-001	250 ml	88	145	29/32	1	93
BFF3-500-001	500 ml	110	167	29/32	1	110
BFF3-1K0-001	1000 ml	140	199	29/32	1	162
BFF3-2K0-001	2000 ml	175	234	29/32	1	391
"Saving package"						
BFF3-025-012	25 ml	41	75	14/23	12	560
BFF3-050-012	50 ml	53	88	14/23	12	616
BFF3-052-012	50 ml	53	94	19/26	12	616
BFF3-100-012	100 ml	65	100	14/23	12	645
BFF3-102-012	100 ml	65	106	19/26	12	835
BFF3-103-012	100 ml	65	109	24/29	12	835
BFF3-101-012	100 ml	65	117	29/32	12	835
BFF3-252-010	250 ml	88	134	19/26	10	806
BFF3-253-010	250 ml	88	139	24/29	10	806
BFF3-250-010	250 ml	88	145	29/32	10	806
BFF3-500-008	500 ml	110	167	29/32	8	764
BFF3-1K0-006	1000 ml	140	199	29/32	6	846
BFF3-2K0-002	2000 ml	175	234	29/32	2	652

BOILING FLASK FLAT BOTTOM

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4797 and USP standard

reference	capacity	Ø (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
BFFG-101-001	100 ml	64	105	29/32	1	120
BFFG-250-001	250 ml	85	130	29/32	1	117
BFFG-500-001	500 ml	105	160	29/32	1	170
BFFG-1K0-001	1000 ml	131	187	29/32	1	258
BFFG-2K0-001	2000 ml	166	230	29/32	1	554
“Saving package”						
BFFG-101-010	100 ml	64	105	29/32	10	848
BFFG-250-010	250 ml	85	130	29/32	10	975
BFFG-500-010	500 ml	105	160	29/32	10	1415
BFFG-1K0-010	1000 ml	131	187	29/32	10	2141
BFFG-2K0-006	2000 ml	166	230	29/32	6	2770

KJELDAHL FLASK, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3

reference	capacity	$Ø_{bulb}$ (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
NFK3-500-002	500 ml	107	310	29/32	2	415
NFK3-1K0-001	1000 ml	130	370	29/32	1	264

FLASK, PEAR SHAPE, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h (mm)	joint ST/NS	pcs/pack	price/pack kr
FLP3-010-001	10 ml	30	79	14/23	1	75
FLP3-025-001	25 ml	40	93	14/23	1	75
FLP3-050-001	50 ml	50	108	14/23	1	68
FLP3-100-001	100 ml	60	118	14/23	1	69

FLASK, ROUND BOTTOM WITH TWO NECKS

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack kr
BF23-250-001	250 ml	88	145	29/32	14/23	1	172
BF23-252-001	250 ml	88	145	29/32	19/26	1	173
BF23-254-001	250 ml	88	145	19/26	19/26	1	166
BF23-253-001	250 ml	88	145	24/29	19/26	1	170
BF23-500-001	500 ml	110	167	29/32	14/23	1	188
BF23-502-001	500 ml	110	167	29/32	19/26	1	186
BF23-1K0-001	1000 ml	140	200	29/32	14/23	1	321
BF23-1K2-001	1000 ml	140	200	29/32	19/26	1	335

FLASK, ROUND BOTTOM WITH THREE NECKS (PARALLEL)

LBG

121°

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack kr
BFS3-100-001	100 ml	64	105	24/29	19/26	1	257
BFS3-102-001	100 ml	64	105	24/29	14/23	1	257
BFS3-250-001	250 ml	88	145	29/32	14/23	1	216
BFS3-252-001	250 ml	88	145	29/32	19/26	1	216
BFS3-500-001	500 ml	110	167	29/32	14/23	1	241
BFS3-502-001	500 ml	110	167	29/32	19/26	1	255
BFS3-1K0-001	1000 ml	140	200	29/32	29/32	1	387
BFS3-1K2-001	1000 ml	140	200	29/32	19/26	1	379

FLASK, ROUND BOTTOM WITH THREE NECKS (SIDE ANGLE)

LBG

121°

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack kr
BFO3-100-001	100 ml	64	105	29/32	14/23	1	227
BFO3-103-001	100 ml	64	105	24/29	19/26	1	212
BFO3-105-001	100 ml	64	105	19/26	14/23	1	203
BFO3-250-001	250 ml	88	145	29/32	14/23	1	216
BFO3-252-001	250 ml	88	145	29/32	19/26	1	216
BFO3-253-001	250 ml	88	145	24/29	19/26	1	216
BFO3-254-001	250 ml	88	145	19/26	19/26	1	216
BFO3-500-001	500 ml	110	167	29/32	14/23	1	241
BFO3-502-001	500 ml	110	167	29/32	19/26	1	241
BFO3-1K0-001	1000 ml	140	200	29/32	14/23	1	373
BFO3-1K1-001	1000 ml	140	200	29/32	29/32	1	387
BFO3-1K2-001	1000 ml	140	200	29/32	19/26	1	379

FLASK, ROUND BOTTOM WITH FOUR NECKS (SIDE ANGLE)

LBG

121°

Made of borosilicate glass 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack kr
BFO4-250-001	250	85	140	29/32	14/23	1	430
BFO4-252-001	250	85	140	29/32	19/26	1	430
BFO4-500-001	500	105	163	29/32	14/23	1	456
BFO4-502-001	500	105	163	29/32	19/26	1	456
BFO4-1K0-001	1000	131	200	29/32	19/26	1	790
BFO4-1K2-001	1000	131	200	29/32	29/32	1	790

LBG FLASK, ERLENMEYER, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3

reference	capacity	Ø (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
CFL3-005-001	5 ml	25	50	14/23	1	44
CFL3-010-001	10 ml	32	60	14/23	1	44
CFL3-025-001	25 ml	42	70	14/23	1	45
CFL3-050-001	50 ml	51	85	14/23	1	57
CFL3-052-001	50 ml	51	85	19/26	1	57
CFL3-100-001	100 ml	64	105	14/23	1	119
CFL3-102-001	100 ml	64	105	19/26	1	77
CFL3-103-001	100 ml	64	105	24/29	1	77
CFL3-101-001	100 ml	64	105	29/32	1	77
CFL3-252-001	250 ml	85	135	19/26	1	83
CFL3-251-001	250 ml	85	135	24/29	1	83
CFL3-250-001	250 ml	85	128	29/32	1	83
CFL3-503-001	500 ml	105	170	24/29	1	109
CFL3-500-001	500 ml	105	165	29/32	1	115
CFL3-1K3-001	1000 ml	131	210	24/29	1	259
CFL3-1K0-001	1000 ml	131	210	29/32	1	176
CFL3-2K0-001	2000 ml	166	275	29/32	1	397
"Saving package"						
CFL3-005-012	5 ml	25	50	14/23	12	402
CFL3-010-012	10 ml	32	60	14/23	12	465
CFL3-025-012	25 ml	42	70	14/23	12	476
CFL3-050-012	50 ml	51	85	14/23	12	566
CFL3-052-012	50 ml	51	85	19/26	12	566
CFL3-100-012	100 ml	64	105	14/23	12	654
CFL3-102-012	100 ml	64	105	19/26	12	805
CFL3-103-012	100 ml	64	105	24/29	12	805
CFL3-101-012	100 ml	64	105	29/32	12	805
CFL3-252-010	250 ml	85	135	19/26	10	719
CFL3-251-010	250 ml	85	135	24/29	10	719
CFL3-250-010	250 ml	85	128	29/32	10	719
CFL3-503-008	500 ml	105	170	24/29	8	726
CFL3-500-008	500 ml	105	165	29/32	8	770
CFL3-1K3-006	1000 ml	131	210	24/29	6	860
CFL3-1K0-006	1000 ml	131	210	29/32	6	878
CFL3-2K0-002	2000 ml	166	275	29/32	2	661

To prevent leakage during use and to facilitate separation of the ground joints, lubricate the ground surfaces with non-toxic silicone laboratory grease. Apply a thin layer of grease around the top of the joint.
Although silicone grease is widely used for this purpose, you should always consider compatibility in the particular conditions of use.
You can also insert a flexible PTFE gasket between the two frosted parts to be connected.

FLASK, ERLENMEYER, STANDARD GROUND MOUTH

Made of 3.3 borosilicate glass (upper grade). In compliance with ISO 4797 standard

reference	capacity	Ø (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
CFLG-102-001	100 ml	64	100	19/26	1	72
CFLG-103-001	100 ml	64	100	24/29	1	75
CFLG-101-001	100 ml	64	100	29/32	1	78
CFLG-252-001	250 ml	85	140	19/26	1	94
CFLG-251-001	250 ml	85	140	24/29	1	97
CFLG-250-001	250 ml	85	140	29/32	1	100
CFLG-503-001	500 ml	105	175	24/29	1	140
CFLG-500-001	500 ml	105	175	29/32	1	143
CFLG-1K0-001	1000 ml	131	220	29/32	1	243
CFLG-2K0-001	2000 ml	166	270	29/32	1	469
“Saving package”						
CFLG-102-010	100 ml	64	100	19/26	10	603
CFLG-103-010	100 ml	64	100	24/29	10	628
CFLG-101-010	100 ml	64	100	29/32	10	646
CFLG-252-010	250 ml	85	140	19/26	10	787
CFLG-251-010	250 ml	85	140	24/29	10	809
CFLG-250-010	250 ml	85	140	29/32	10	830
CFLG-503-010	500 ml	105	175	24/29	10	1163
CFLG-500-010	500 ml	105	175	29/32	10	1188
CFLG-1K0-010	1000 ml	131	220	29/32	10	2025
CFLG-2K0-006	2000 ml	166	270	29/32	6	2344

GAS WASHING BOTTLE, DRECHSEL

Made of borosilicate glass 3.3. The complete set includes a body and a head. For tubes of 8 mm internal diameter (not included). According to DIN 12596

reference	description	pcs/pack	price/pack kr
GWS3-250-001	complete set 250 ml, 29/32	1	411
GWB3-250-001	body 250 ml, 29/32	1	289
GWH3-250-001	head for 250 ml body, 29/32, $Ø_{tubing}$ 8 mm	1	140
GWS3-500-001	complete set 500 ml, 29/32	1	545
GWB3-500-001	body 500 ml, 29/32	1	383
GWH3-500-001	head for 500 ml body, 29/32, $Ø_{tubing}$ 8 mm	1	186

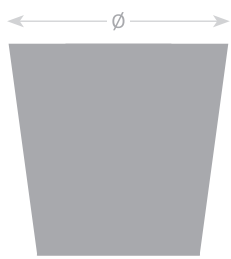
GROUND JOINTS

Ground glass seals or joints are used in the laboratory to connect different pieces of glass to each other in a leak-proof manner or as an adjustment mode in glass stoppers. They can be of two types, male or female. They have a 1:10 conical shape (10% taper) and are designed according to the following measurements:

Ø - Diameter of the widest end of the frosted zone (mm)

L - Length of the frosted area (mm)

The measures that Labbox supplies follow the European standard ISO with common union sizes like: 10/19, 14/23, 19/26, 24/29, 29/32 and 45/40.



LBG CONDENSER, STRAIGHT SHAPE (LIEBIG-WEST)

Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing Ø$_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
CSS3-080-002	80	175	14/23	2	227
CSS3-150-002	150	254	14/23	2	235
CSS3-200-002	200	305	14/23	2	277
CSS3-201-002	200	360	29/32	2	319
CSS3-202-002	200	360	19/26	2	319
CSS3-203-002	200	360	24/29	2	319
CSS3-300-002	300	460	29/32	2	370
CSS3-400-002	400	560	29/32	2	375
CSS3-500-001	500	660	29/32	1	210
CSS3-600-001	600	760	29/32	1	240

CONDENSER, STRAIGHT SHAPE (LIEBIG-WEST)

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN 12576 standard. Hose connector is designed for tubing Ø$_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
CSSG-160-001	160	265	14/23	1	171
CSSG-202-001	200	320	19/26	1	186
CSSG-250-001	250	385	29/32	1	186
CSSG-300-001	300	445	29/32	1	257
CSSG-400-001	400	530	29/32	1	285

LBG CONDENSER WITH BULBED INNER TUBE (ALLIHN)

Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing Ø$_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	bulb quantity	joint ST/NS	pcs/pack	price/pack kr
ALC3-150-002	150	235	4	14/23	2	251
ALC3-200-002	200	295	4	14/23	2	277
ALC3-201-002	200	360	4	29/32	2	347
ALC3-300-002	300	405	6	14/23	2	357
ALC3-301-002	300	460	6	29/32	2	379
ALC3-400-002	400	560	6	29/32	2	417
ALC3-500-001	500	660	10	29/32	1	238
ALC3-600-001	600	760	12	29/32	1	266

CONDENSER WITH BULBED INNER TUBE (ALLIHN)

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN 12581 standard. Hose connector is designed for tubing Ø$_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	bulb quantity	joint ST/NS	pcs/pack	price/pack kr
ALCG-250-001	250	410	5	29/32	1	307
ALCG-300-001	300	455	6	29/32	1	345
ALCG-400-001	400	565	8	29/32	1	396

GRAHAM CONDENSER (INLAND REVENUE)

LBG

Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing $Ø_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
CIC3-150-002	150	235	14/23	2	293
CIC3-200-002	200	295	14/23	2	308
CIC3-300-002	300	460	29/32	2	418
CIC3-400-002	400	560	29/32	2	471
CIC3-500-001	500	660	29/32	1	296
CIC3-600-001	600	760	29/32	1	324

GRAHAM CONDENSER (INLAND REVENUE)

Made of 3.3 borosilicate glass (upper grade). Hose connector is designed for tubing $Ø_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
CICG-250-001	250	365	14/23	1	324
CICG-300-001	300	440	29/32	1	424
CICG-400-001	400	545	29/32	1	432
CICG-500-001	500	630	29/32	1	548

DIMROTH CONDENSER

LBG

Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing $Ø_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
DRO3-150-001	150	235	14/23	1	259
DRO3-200-001	200	295	14/23	1	290
DRO3-201-001	200	360	29/32	1	366
DRO3-300-001	300	460	29/32	1	407
DRO3-400-001	400	560	29/32	1	440
DRO3-500-001	500	660	29/32	1	591

DIMROTH CONDENSER WITH PTFE SCREWTHREAD CONNECTORS

LBG

Made of borosilicate glass LBG 3.3. Hose connector is GL 14 PTFE threaded and is designed for tubing $Ø_{inner}$ 8 mm

reference	$l_{useable}$ (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
DROT-200-001	200	295	14/23	1	438
DROT-300-001	300	460	29/32	1	485
DROT-400-001	400	560	29/32	1	531
Accessories and spare parts					
DROT-A01-001	PTFE screwthread connector			1	65

FRACTIONATING COLUMN, VIGREUX

LBG

Made of borosilicate glass LBG 3.3. Without sleeve

reference	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
VIG3-360-001	360	29/32	1	430

LBG CONNECTION TUBE WITH TWO PARALLEL NECKS

Made of borosilicate glass LBG 3.3

reference	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack kr
CON3-001-001	14/23	14/23	1	130
CON3-002-001	29/32	29/32	1	199

LBG DISTILLING HEAD

Made of borosilicate glass LBG 3.3

reference	joint ST/NS (A)	joint ST/NS (B)	joint ST/NS (C)	pcs/pack	price/pack kr
DIH3-001-001	14/23	14/23	14/23	1	123
DIH3-002-001	14/23	29/32	29/32	1	171
DIH3-003-001	29/32	29/32	29/32	1	194

DOUBLE ANGLED ADAPTER, MALE

Made of borosilicate glass LBG 3.3. Used in distillation assembly

reference	l (mm)	joint ST/NS	pcs/pack	price/pack kr
AD23-001-001	250	14/23	1	140
AD23-002-001	250	29/32	1	252

LBG KJELDAHL BULB, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3

reference	capacity	joint ST/NS	pcs/pack	price/pack kr
SPB3-001-001	250 ml	29/32	1	198

LBG RECEIVER ADAPTER, PLAIN, BENT AT 105°

Made of borosilicate glass LBG 3.3

reference	l (mm)	joint ST/NS	pcs/pack	price/pack kr
ADA3-001-001	120	14/23	1	65
ADA3-002-001	150	29/32	1	76

LBG RECEIVER ADAPTER, BENT AT 105°, WITH LATERAL HOSE

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack kr
REC3-001-001	14/23	1	83
REC3-002-001	29/32	1	257

RECEIVER ADAPTER, BENT AT 105°, WITH INTERNAL TUBE AND LATERAL HOSE

LBG

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack kr
RET3-001-001	14/23	1	97
RET3-004-001	19/26	1	107
RET3-003-001	24/29	1	137
RET3-002-001	29/32	1	147

REDUCTION AND EXPANSION ADAPTERS

LBG

Made of borosilicate glass LBG 3.3

reference	socket size (female)	cone size (male)	pcs/pack	price/pack kr
EXA3-002-001	14/23	19/26	1	114
EXA3-003-001	14/23	24/29	1	114
EXA3-001-001	14/23	29/32	1	114
EXA3-004-001	19/26	24/29	1	114
EXA3-005-001	19/26	29/32	1	114
EXA3-006-001	24/29	29/32	1	114
REA3-002-001	19/26	14/23	1	103
REA3-003-001	24/29	14/23	1	103
REA3-004-001	24/29	19/26	1	103
REA3-001-001	29/32	14/23	1	103
REA3-005-001	29/32	19/26	1	103
REA3-006-001	29/32	24/29	1	112

SUCTION ADAPTER

LBG

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack kr
SUC3-001-001	14/23	1	81
SUC3-002-001	29/32	1	129

JOINTED ADAPTER (MALE) WITH PTFE KEY STOPCOCK

Made of borosilicate glass LBG 3.3. 9 mm hose connector for 8 mm inner diameter tubing. Angled or straight

reference	joint ST/NS	description	pcs/pack	price/pack kr
ADFL-001-001	14/23	angled connection	1	181
ADFL-002-001	19/26	angled connection	1	187
ADFL-003-001	24/29	angled connection	1	199
ADFL-004-001	29/32	angled connection	1	239
ADFL-005-001	14/23	straight connection	1	181
ADFL-006-001	19/26	straight connection	1	187
ADFL-007-001	24/29	straight connection	1	199
ADFL-008-001	29/32	straight connection	1	239

LBG

DISTILLING BEND, 75° BENT

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack kr
DHE3-001-001	14/23	1	81
DHE3-002-001	29/32	1	117

astiK's

PLASTIC STOPPER, CONICAL, WITH TUBING CONNECTION

Made of polypropylene. Includes two hose-adapters for Ø 8 mm tubing

reference	joint ST/NS	pcs/pack	price/pack kr
STCP-001-001	29/32	1	111

LBG

HOLLOW STOPPER, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack kr
STO3-001-001	14/23	1	43
STO3-002-001	29/32	1	70

LBG

STOPPER, HEXAGONAL HEAD

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	type	pcs/pack	price/pack kr
STP3-003-001	10/19	conical bottom	1	40
STP3-001-001	14/23	conical bottom	1	38
STP3-019-001	19/26	conical bottom	1	43
STP3-024-001	24/29	conical bottom	1	65
STP3-002-001	29/32	conical bottom	1	76

astiK's

PLASTIC STOPPER FOR STANDARD GROUND MOUTH

Made of polypropylene. Hollow. Autoclavable

reference	joint ST/NS	pcs/pack	price/pack kr
STOP-014-010	14/23	10	75
STOP-019-010	19/26	10	92
STOP-024-010	24/29	10	97
STOP-029-010	29/32	10	104

FLAT HEAD STOPPER, PTFE

astiK's

Leak proof. Can be used up to 270 °C

reference	joint ST/NS	h (mm)	pcs/pack	price/pack kr
FHSP-119-001	10/19	31	1	148
FHSP-123-001	14/23	34	1	153
FHSP-126-001	19/26	38	1	187
FHSP-229-001	24/29	44	1	262
FHSP-232-001	29/32	47	1	286

CONNECTION PIECE, CONE ANGLE 90°

LBG

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	$Ø_{side}$ hose (mm)	pcs/pack	price/pack kr
ADS3-001-001	14/23	9	1	64
ADS3-003-001	19/26	9	1	65
ADS3-004-001	24/29	9	1	71
ADS3-002-001	29/32	9	1	77

DRYING TUBE, OBLIQUE SHAPE

LBG

Made of borosilicate glass LBG 3.3

reference	h (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack kr
DRY3-001-001	90	120	14/23	1	86
DRY3-003-001	90	120	19/26	1	86
DRY3-004-001	90	120	24/29	1	97
DRY3-002-001	90	120	29/32	1	103

FUNNEL, STANDARD GROUND MOUTH

LBG

Made of borosilicate glass LBG 3.3

reference	$Ø_{top}$ (mm)	joint ST/NS	pcs/pack	price/pack kr
FUN3-040-001	40	14/23	1	61
FUN3-060-001	60	14/23	1	61

PRESSURE EQUALIZING DROPPING FUNNEL, CYLINDRICAL, WITH PTFE STOPCOCK

Made of top quality 3.3 borosilicate glass. Plastic stopper included

reference	capacity	socket size (female)	cone size (male)	pcs/pack	price/pack kr
FTP3-050-001	50 ml	14/23	14/23	1	663
FTP3-100-001	100 ml	14/23	14/23	1	710
FTP3-102-001	100 ml	19/26	19/26	1	771
FTP3-103-001	100 ml	29/32	29/32	1	776
FTP3-250-001	250 ml	29/32	29/32	1	776
FTP3-500-001	500 ml	29/32	29/32	1	929

DROPPING FUNNEL, CYLINDRICAL, STANDARD GROUND MOUTH, WITH PTFE STOPCOCK

Made of top quality 3.3 borosilicate glass. Plastic stopper included

reference	capacity	socket size (female)	cone size (male)	pcs/pack	price/pack kr
FTY3-050-001	50 ml	14/23	14/23	1	521
FTY3-100-001	100 ml	14/23	14/23	1	551
FTY3-102-001	100 ml	19/26	19/26	1	589
FTY3-103-001	100 ml	29/32	29/32	1	590
FTY3-250-001	250 ml	29/32	29/32	1	647
FTY3-500-001	500 ml	29/32	29/32	1	759
FTY3-1K0-001	1000 ml	29/32	29/32	1	1229

GLASS PROBE/THERMOMETER HOLDER

Made of top quality 3.3 borosilicate glass

reference	joint ST/NS	type	pcs/pack	price/pack kr
TPH3-006-001	14/23	for Ø 6-7 mm thermometers	1	211
TPH3-004-001	19/26	for Ø 6-7 mm thermometers	1	211
TPH3-007-001	29/32	for Ø 6-7 mm thermometers	1	211

PTFE PROBE/THERMOMETER HOLDER

Made of pure PTFE. Fully adjustable with replacement Viton seal

reference	type	pcs/pack	price/pack kr
TPHT-006-001	14/23, for Ø 6 mm thermometers	1	498
TPHT-008-001	14/23, for Ø 8 mm thermometers	1	498
Accessories and spare parts			
TPHT-S06-005	spare joints for TPHT-006-001	5	172
TPHT-S08-005	spare joints for TPHT-008-001	5	130

CONICAL HEAD CLIP, PLASTIC

Manufactured in POM (Polyoxymethylene). Will not scratch glass surfaces

reference	type	pcs/pack	price/pack kr
CHCP-014-010	orange, for 14/23 joints	10	253
CHCP-019-010	blue, for 19/26 joints	10	271
CHCP-024-010	green, for 24/29 joints	10	271
CHCP-029-010	red, for 29/32 joints	10	307

CONICAL HEAD CLIP, PTFE

Manufactured from pure PTFE with totally encapsulated steel springs. Chemically inert. Usable up to 280 °C

reference	type	pcs/pack	price/pack kr
CHPT-010-001	for 10/19 joints	1	87
CHPT-014-001	for 14/23 joints	1	83
CHPT-019-001	for 19/26 joints	1	90
CHPT-024-001	for 24/29 joints	1	92
CHPT-029-001	for 29/32 joints	1	97

CONICAL HEAD CLIP, STEEL

clink

Traditional clips made of steel wire

reference	type	pcs/pack	price/pack kr
CHCS-014-010	for 14/23 joints	10	259
CHCS-019-010	for 19/26 joints	10	286
CHCS-024-010	for 24/29 joints	10	301
CHCS-029-010	for 29/32 joints	10	353

SILICONE GREASE FOR GROUND GLASS JOINTS

labkem

Silicone grease for the lubrication of ground glass joints, desiccators lids or glass stopcocks. Temperature range from -50 to 180 °C. LBSil 25 shows an excellent lubrication power and good resistance to cold and hot water, and to chemical agents

reference	type	package	price/pack kr
SGRE-025-100	LBSil 25, 100 g package	100 g	173

FLEXIBLE PTFE SLEEVES FOR GLASS JOINTS

astiK's

Eliminate the use of grease. Withstands low to medium vacuum. Usable at up to 280 °C

reference	joint ST/NS	pcs/pack	price/pack kr
PTST-014-010	14/23	10	193
PTST-019-010	19/26	10	203
PTST-024-010	24/29	10	220
PTST-029-010	29/32	10	230

SIMPLE DISTILLATION EQUIPMENT SET

Made of top quality 3.3 borosilicate glass. This equipment is composed of 1 Liebig West, straight-shape condenser 250 mm, 1 round bottom flask of 250 ml, 1 bent connecting adapter with thermometer adapter, 1 bent distillation adapter, 1 thermometer (-10 to +110 °C) and all POM clips for 29/32 ground joints. Hose connector is designed for tubing $Ø_{inner}$ 8 mm

reference	description	pcs/pack	price/pack kr
APP3-001-001	simple distillation kit	1	1138

FRACTIONAL DISTILLATION EQUIPMENT SET (WITH VIGREUX COLUMN)

Made of top quality 3.3 borosilicate glass. This equipment is composed of 1 Vigreux column of 320 mm, 1 Liebig West, straight-shape condenser 250 mm, 1 round bottom flask of 250 ml, 1 bent connecting adapter with thermometer adapter, 1 bent distillation adapter, 1 thermometer (-10 to +110 °C) and all POM clips for 29/32 ground joints. Hose connector is designed for tubing $Ø_{inner}$ 8 mm

reference	description	pcs/pack	price/pack kr
APP3-002-001	fractional distillation kit	1	1290

PRAT DUMAS

QUALITATIVE FILTER PAPER FOR GENERAL USE, MEDIUM FLOW RATE

Maximum ash content 0.10%. Vellum paper used for general laboratory filtration. Surface weight 65 g/m², pore 7 - 10 µm, thickness 170 µm. Available in flat disks (packed in foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 93

reference	Ø (mm)	type	pcs/pack	price/pack kr
QLPG-070-100	70	disk	100	44
QLPG-090-100	90	disk	100	54
QLPG-110-100	110	disk	100	63
QLPG-125-100	125	disk	100	67
QLPG-150-100	150	disk	100	76
QLPG-185-100	185	disk	100	97
QLPG-240-100	240	disk	100	141
QLPG-111-100	110	folded	100	238
QLPG-126-100	125	folded	100	243
QLPG-151-100	150	folded	100	247
QLPG-186-100	185	folded	100	278
QLPG-201-100	200	folded	100	278
QLPG-241-100	240	folded	100	316
QLPG-251-100	250	folded	100	325
QLPG-401-100	400	folded	100	642

BRANCHIA

QUALITATIVE FILTER PAPER FOR GENERAL USE, MEDIUM FLOW RATE

For general laboratory use. Medium flow rate. Weight 65 g/m², thickness 180 µm, filtration time 30 s, retention 7 - 10 µm, wet bursting strength> 30 kPa, ash content <0,1%. Available in discs. Equivalence: Whatman 93

reference	Ø (mm)	type	pcs/pack	price/pack kr
BLPG-070-100	70	disk	100	43
BLPG-090-100	90	disk	100	49
BLPG-110-100	110	disk	100	59
BLPG-125-100	125	disk	100	64
BLPG-150-100	150	disk	100	83
BLPG-185-100	185	disk	100	93
BLPG-240-100	240	disk	100	165

GLASS FIBER AND PAPER FILTERS

High Quality
Great variety of samples
Different filtration speeds
Low / very low ash content
Qualitative and quantitative
HEPA glass fiber filters

BRANCHIA

QUALITATIVE FILTER PAPER FOR GENERAL USE, VERY HIGH FLOW RATE

PRAT DUMAS

Maximum ash content 0.06%. Paper made of long cotton fibers for thick and sticky liquids filtration. Thick and very resistant paper, offering the fastest flow among qualitative filters. Surface weight 130 g/m², pore 25 - 30 µm, thickness 430 µm. Available in flat disks and folded. Equivalence: Whatman 114

reference	Ø (mm)	type	pcs/pack	price/pack kr
QLPV-070-100	70	disk	100	69
QLPV-090-100	90	disk	100	80
QLPV-110-100	110	disk	100	99
QLPV-125-100	125	disk	100	102
QLPV-150-100	150	disk	100	124
QLPV-185-100	185	disk	100	152
QLPV-240-100	240	disk	100	224
QLPV-111-100	110	folded	100	372
QLPV-126-100	125	folded	100	376
QLPV-151-100	150	folded	100	388
QLPV-186-100	185	folded	100	404
QLPV-201-100	200	folded	100	413
QLPV-241-100	240	folded	100	472
QLPV-251-100	250	folded	100	474

CROSS-REFERENCES CHART

Labbox	Branchia	Whatman	Prat Dumas	Albet	Filter-lab	Macherey Nagel	Fioroni	S & S
QLPG	BLPG	93	106	_	_	713	122, 600	
QLPV	BLPV	114	607	400	1300			0860, 0859
QLDS	BLDS	5	210	414, FP602h	1256	619	115	602eh
QLDM	BLDM	1	108	412, FP595, FP597	1250	615	601	595
QLDF	BLDF	4	609	411, FP604	1248	617	111	604
QNHS	BNHS	50	601	501, FP1575	2244	1640d	155	1575
QNHM	BNHM	52	600	502, FP1574	2240	1640m	153	1574
QNHF	BNHF	54	603	503, FP1573	2235	1640we	151	1573
QNDS	BNDS	42	6601	150, FP589/3	1244	640d	15	589/3
QNDM	BNDM	40	6600	145, FP589/5	1242	640md	13	589/5
QNDF	BNDF	41	6602	140, FP589/2	1240	640m	12	589/2

Notes: the cross-references between different paper filter manufacturers are shown only as mere information to make the change to another brand easier. Two paper filters are never equal and we recommend you to make a test before using it. The above mentioned brands are registered marks of their respective owners and do not have any connection with Labbox

BRANCHIA

QUALITATIVE FILTER PAPER FOR GENERAL USE, VERY HIGH FLOW RATE

Crêpped surface, rough, for general laboratory use. Very high flow rate. Weight 70 g/m², thickness 250 µm, retention 25 µm, pressure difference 8 mmWG, ash content <0.1%. Available in discs. Equivalence: Whatman 114

reference	Ø (mm)	type	pcs/pack	price/pack kr
BLPV-070-100	70	disk	100	78
BLPV-090-100	90	disk	100	89
BLPV-110-100	110	disk	100	106
BLPV-125-100	125	disk	100	110
BLPV-150-100	150	disk	100	171
BLPV-185-100	185	disk	100	179
BLPV-240-100	240	disk	100	227

PRAT DUMAS

QUALITATIVE FILTER PAPER, LOW ASH, LOW FLOW RATE

Low ash content paper (max 0.06%) used for fine filtration of small particles precipitates. Surface weight 100 g/m², pore 2 - 3 µm, thickness 200 µm. Available in flat disks and folded. Equivalence: Whatman 5

reference	Ø (mm)	type	pcs/pack	price/pack kr
QLDS-070-100	70	disk	100	61
QLDS-090-100	90	disk	100	70
QLDS-110-100	110	disk	100	77
QLDS-125-100	125	disk	100	88
QLDS-150-100	150	disk	100	106
QLDS-185-100	185	disk	100	138
QLDS-240-100	240	disk	100	210
QLDS-111-100	110	folded	100	328
QLDS-126-100	125	folded	100	335
QLDS-151-100	150	folded	100	342
QLDS-201-100	200	folded	100	433
QLDS-251-100	250	folded	100	503
QLDS-401-100	400	folded	100	943

BRANCHIA

QUALITATIVE FILTER PAPER, LOW FLOW RATE

Low ash paper (<0.06%). Low flow rate, suitable for fine particle filtration. It is used in difficult filtration conditions, extra-fine precipitates, barium sulfate and copper oxide, as well as for the clarification of cloudy suspensions. Specified for wine clarification. Weight 85 g / m², thickness 170 µm, filtration time 300 s, retention 3 - 5 µm, air flow 93 s / 100 ml / in², Herzberg 2500 s / 100 ml, wet bursting strength >30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 5

reference	Ø (mm)	type	pcs/pack	price/pack kr
BLDS-070-100	70	disk	100	66
BLDS-090-100	90	disk	100	77
BLDS-110-100	110	disk	100	98
BLDS-125-100	125	disk	100	125
BLDS-150-100	150	disk	100	161
BLDS-185-100	185	disk	100	223
BLDS-240-100	240	disk	100	392

QUALITATIVE FILTER PAPER, LOW ASH, MEDIUM FLOW RATE

PRAT DUMAS

Superior Vellum paper made of pure cellulose and low ash (max 0.06%). General use in laboratory Surface weight 85 g/m², pore 10 - 12 µm, thickness 200 µm. Available in flat disks and folded. Equivalence: Whatman 1

reference	Ø (mm)	type	pcs/pack	price/pack kr
QLDM-070-100	70	disk	100	61
QLDM-090-100	90	disk	100	69
QLDM-110-100	110	disk	100	77
QLDM-125-100	125	disk	100	87
QLDM-150-100	150	disk	100	100
QLDM-185-100	185	disk	100	122
QLDM-240-100	240	disk	100	179
QLDM-111-100	110	folded	100	328
QLDM-126-100	125	folded	100	335
QLDM-151-100	150	folded	100	339
QLDM-201-100	200	folded	100	415
QLDM-251-100	250	folded	100	480
QLDM-401-100	400	folded	100	892

QUALITATIVE FILTER PAPER, MEDIUM FLOW RATE

BRANCHIA

Low ash paper (<0.06%). Medium flow rate, suitable for a wide range of laboratory applications, frequently used in liquid clarification. It is used for rapid filtration of fine precipitates such as lead sulfate, hot calcium oxalate and calcium carbonate, as well as for routine techniques in the food and environmental industry. Weight 85 g / m², thickness 180 µm, filtration time 40 s, retention 10 - 13 µm, air flow 11 s / 100 ml / in², Herzberg 170 s / 100 ml, wet bursting strength > 30 kPa. Available in discs. Equivalence: Whatman 1

reference	Ø (mm)	type	pcs/pack	price/pack kr
BLDM-070-100	70	disk	100	64
BLDM-090-100	90	disk	100	72
BLDM-110-100	110	disk	100	78
BLDM-125-100	125	disk	100	89
BLDM-150-100	150	disk	100	99
BLDM-185-100	185	disk	100	137
BLDM-240-100	240	disk	100	221

LABBOX COMMITMENTS

1 EVERY DAY LOW PRICES

2 FAST DELIVERY

3 SATISFIED OR YOUR MONEY BACK

PRAT DUMAS

QUALITATIVE FILTER PAPER, LOW ASH, HIGH FLOW RATE

Low ash paper (max 0.06%) made of cotton fibers, used for thick and sticky liquids filtration. Surface weight 85 g/m², pore 10 - 12 µm, thickness 200 µm. Available in flat disks and folded. Equivalence: Whatman 4

reference	Ø (mm)	type	pcs/pack	price/pack kr
QLDF-070-100	70	disk	100	76
QLDF-090-100	90	disk	100	87
QLDF-110-100	110	disk	100	109
QLDF-125-100	125	disk	100	114
QLDF-150-100	150	disk	100	137
QLDF-185-100	185	disk	100	176
QLDF-240-100	240	disk	100	264
QLDF-111-100	110	folded	100	471
QLDF-126-100	125	folded	100	480
QLDF-151-100	150	folded	100	486
QLDF-201-100	200	folded	100	518
QLDF-251-100	250	folded	100	580
QLDF-401-100	400	folded	100	1548

BRANCHIA

QUALITATIVE FILTER PAPER, HIGH FLOW RATE

Low ash paper (<0.06%) made of cotton fibers. High flow rate, suitable for the retention of coarse precipitates, such as hydroxides and metal sulphides, and gelatinous substances. It is also used for rapid filtering of organometallic precipitates, routine cleaning of biological fluids, analysis in the food industry, etc. Weight 85 g / m², thickness 210 µm, filtration time 10 s, retention 15 - 20 µm, wet bursting strength > 30 kPa. Available in discs. Equivalence: Whatman 4

reference	Ø (mm)	type	pcs/pack	price/pack kr
BLDF-070-100	70	disk	100	81
BLDF-090-100	90	disk	100	89
BLDF-110-100	110	disk	100	106
BLDF-125-100	125	disk	100	116
BLDF-150-100	150	disk	100	154
BLDF-185-100	185	disk	100	216
BLDF-240-100	240	disk	100	348

PRAT DUMAS

ASHLESS QUANTITATIVE FILTER PAPER, LOW FLOW RATE

Ash-free paper (max 0.002%) made exclusively of cellulose cotton fibers. Used for critical gravimetrical analysis. Surface weight 80 g/m², pore 7 - 9 µm, thickness 290 µm. Available in flat disks. Equivalence: Whatman 42

reference	Ø (mm)	type	pcs/pack	price/pack kr
QNDS-070-100	70	disk	100	137
QNDS-090-100	90	disk	100	175
QNDS-110-100	110	disk	100	224
QNDS-125-100	125	disk	100	265
QNDS-150-100	150	disk	100	345

ASHLESS QUANTITATIVE FILTER PAPER, LOW FLOW RATE

BRANCHIA

Ashless paper (<0.007%) made of cotton fibers. Very low flow rate, adequate for fine particles retention. Suitable for precipitate filtration of cold barium sulphate, lead sulphate, zinc and nickel sulphides, etc. Weight 100 g / m², thickness 160 µm, filtration time 300 s, retention 2 - 3 µm, wet bursting strength> 20 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 42

reference	Ø (mm)	type	pcs/pack	price/pack kr
BNDS-070-100	70	disk	100	118
BNDS-090-100	90	disk	100	149
BNDS-110-100	110	disk	100	207
BNDS-125-100	125	disk	100	235
BNDS-150-100	150	disk	100	323

ASHLESS QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE

PRAT DUMAS

Ash-free paper (max 0.002%) made exclusively of cellulose cotton fibers. Used for routine gravimetrical analysis. Intermediate filter in terms of flow rate and retention. Surface weight 80 g/m², pore 8 - 12 µm, thickness 270 µm. Available in flat disks. Equivalence: Whatman 40

reference	Ø (mm)	type	pcs/pack	price/pack kr
QNDM-070-100	70	disk	100	137
QNDM-090-100	90	disk	100	175
QNDM-110-100	110	disk	100	224
QNDM-125-100	125	disk	100	265
QNDM-150-100	150	disk	100	345

ASHLESS QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE

BRANCHIA

Ashless paper (<0.007%) made of cotton fibers for medium-slow filtration. Used for gravimetric analysis for numerous components, as well as all types of pre-filtrations. Suitable as a primary filter to separate solid matter and fine precipitates from aqueous extracts, soil analysis and quantitative determinations of fats and oils in water, sediments in milk and cleaning of solutions for AAS (Atomic Absorption Sprectrophotometry). Weight 85 g / m², thickness 170 µm, filtration speed 100 s, retention 7 - 9 µm, wet bursting strength> 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 40

reference	Ø (mm)	type	pcs/pack	price/pack kr
BNDM-070-100	70	disk	100	118
BNDM-090-100	90	disk	100	149
BNDM-110-100	110	disk	100	207
BNDM-125-100	125	disk	100	235
BNDM-150-100	150	disk	100	323

PRAT DUMAS

ASHLESS QUANTITATIVE FILTER PAPER, HIGH FLOW RATE

Ash-free paper (max 0.002%) made exclusively of cellulose cotton fibers. Its quick flow rate makes it recommendable for large precipitates, such as iron hydroxide and other metal sulfates. Surface weight 80 g/m², pore 10 - 15 µm, thickness 250 µm. Available in flat disks. Equivalence: Whatman 41

reference	Ø (mm)	type	pcs/pack	price/pack kr
QNDF-070-100	70	disk	100	137
QNDF-090-100	90	disk	100	175
QNDF-110-100	110	disk	100	224
QNDF-125-100	125	disk	100	265
QNDF-150-100	150	disk	100	345

BRANCHIA

ASHLESS QUANTITATIVE FILTER PAPER, HIGH FLOW RATE

Ashless paper (<0.007%) made of cotton fibers. High flow rate, suitable for retention of bulky particles. It is used in the filtrate of coarse precipitates and gelatinous precipitates (hydroxides and metal sulfides). Weight 85 g / m², thickness 190 µm, filtration time 20 s, retention 20 - 25 µm, wet bursting strength > 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 41 and 43

reference	Ø (mm)	type	pcs/pack	price/pack kr
BNDF-070-100	70	disk	100	118
BNDF-090-100	90	disk	100	146
BNDF-110-100	110	disk	100	207
BNDF-125-100	125	disk	100	242
BNDF-150-100	150	disk	100	331

PRAT DUMAS

HARDENED QUANTITATIVE FILTER PAPER, LOW FLOW RATE

Hardened low ash paper (max 0.02%), as an intermediate solution between quantitative ash free paper (max 0.002%) and qualitative paper low ash (max 0.06%) for non critical quantative works. Recommended for thin precipitates, such as barium, lead, zinc or nickel sulfate, barium fluoride or barium hydroxide. High wet resistance. Surface weight 80 g/m², pore 7 - 9 µm, thickness 290 µm. Available in flat disks (foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 50

reference	Ø (mm)	type	pcs/pack	price/pack kr
QNHS-070-100	70	disk	100	128
QNHS-090-100	90	disk	100	142
QNHS-110-100	110	disk	100	163
QNHS-125-100	125	disk	100	179
QNHS-150-100	150	disk	100	211
QNHS-111-100	110	folded	100	331
QNHS-126-100	125	folded	100	363
QNHS-151-100	150	folded	100	422

HARDENED QUANTITATIVE FILTER PAPER, LOW FLOW RATE

BRANCHIA

Hardened low ash paper (<0.015%) for non critical quantitative works. Slow filtration rate, with excellent retention of very fine particles, such as barium sulfate, zinc sulphide, etc. The hardened and glazed surface makes this paper suitable for use in the electronic industry, in carriers of electronic components or boards. Weight 90 g/m², thickness 180 µm, filtration time 300 s, retention 2 - 3 µm, wet bursting strength> 30 kPa. Available in discs. Equivalence: Whatman 50

reference	Ø (mm)	type	pcs/pack	price/pack kr
BNHS-070-100	70	disk	100	115
BNHS-090-100	90	disk	100	146
BNHS-110-100	110	disk	100	183
BNHS-125-100	125	disk	100	218
BNHS-150-100	150	disk	100	283

HARDENED QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE

PRAT DUMAS

Hardened low ash paper (max 0.02%), as an intermediate solution between quantitative ash free paper (max 0.002%) and qualitative paper low ash (max 0.06%) for non critical quantative works. Medium flow rate is the adequate for a general use, being the intermediate filter in terms of flow rate and retention. High wet resistance. Surface weight 80 g/m², pore 8 - 12 µm, thickness 270 µm. Available in flat disks (foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 52

reference	Ø (mm)	type	pcs/pack	price/pack kr
QNHM-070-100	70	disk	100	128
QNHM-090-100	90	disk	100	142
QNHM-110-100	110	disk	100	163
QNHM-125-100	125	disk	100	179
QNHM-150-100	150	disk	100	211
QNHM-111-100	110	folded	100	331
QNHM-126-100	125	folded	100	363
QNHM-151-100	150	folded	100	424

HARDENED QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE

BRANCHIA

Hardened low ash paper (<0.015%) for non critical quantitative works. Medium flow rate, adequate for a general use, being the intermediate filter in terms of flow rate and retention. Suitable for tests on the intake of atmospheric pollution and used in fat extraction applications in a large number of analysis routines. Weight 90 g / m², thickness 190 µm, filtration time 50 s, retention 7 - 8 µm, wet bursting strength> 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 52

reference	Ø (mm)	type	pcs/pack	price/pack kr
BNHM-070-100	70	disk	100	120
BNHM-090-100	90	disk	100	153
BNHM-110-100	110	disk	100	192
BNHM-125-100	125	disk	100	222
BNHM-150-100	150	disk	100	283

PRAT DUMAS

HARDENED QUANTITATIVE FILTER PAPER, HIGH FLOW RATE

Hardened low ash paper (max 0.02%), as an intermediate solution between quantitative ash free paper (max 0.002%) and qualitative paper low ash (max 0.06%) for non critical quantitative works. Its flow rate makes it suitable for large precipitates, such as iron hydroxide and other metal sulfides. High wet resistance. Surface weight 80 g/m², pore 12 - 16 µm, thickness 250 µm. Available in flat disks (foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 54

reference	Ø (mm)	type	pcs/pack	price/pack kr
QNHF-070-100	70	disk	100	128
QNHF-090-100	90	disk	100	142
QNHF-110-100	110	disk	100	163
QNHF-125-100	125	disk	100	179
QNHF-150-100	150	disk	100	211
QNHF-111-100	110	folded	100	331
QNHF-126-100	125	folded	100	363
QNHF-151-100	150	folded	100	422

BRANCHIA

HARDENED QUANTITATIVE FILTER PAPER, HIGH FLOW RATE

Hardened low ash paper (<0.015%) for non critical quantitative works. Its high flow rate makes it suitable for large precipitates, such as iron hydroxide and other metal sulfides, as well as for filtering dense and gelatinous liquids. Weight 90 g / m², thickness 200 µm, filtration time 10 s, retention 20 µm, wet bursting strength> 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 54

reference	Ø (mm)	type	pcs/pack	price/pack kr
BNHF-070-100	70	disk	100	110
BNHF-090-100	90	disk	100	135
BNHF-110-100	110	disk	100	175
BNHF-125-100	125	disk	100	218
BNHF-150-100	150	disk	100	283

PRAT DUMAS

PHASE SEPARATING PAPER

Hydrophobic paper for the fast separation of aqueous solutions from hydrofuge solvents. Useful with organic solvents heavier or lighter than water. Replaces separatory funnels in many applications. Available in flat disks. Equivalent: Whatman 1 PS

reference	Ø (mm)	type	pcs/pack	price/pack kr
FASE-090-100	90	disk	100	278
FASE-110-100	110	disk	100	348
FASE-125-100	125	disk	100	431
FASE-150-100	150	disk	100	580
FASE-210-100	210	disk	100	840

ANTIBIOTIC CONTROL FILTER PAPER (ANTIBIOGRAMS)

PRAT DUMAS

Very thick and absorbent cotton fiber used to determine the most suitable antibiotic for a particular infection treatment. Surface weight 420 g/m². Available in flat disks

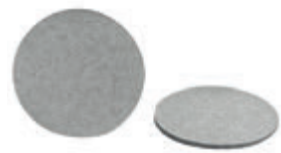
reference	Ø (mm)	type	pcs/pack	price/pack kr
ANTF-004-1K0	4	disk	1000	423
ANTF-006-1K0	6	disk	1000	301
ANTF-009-1K0	9	disk	1000	378
ANTF-013-1K0	13	disk	1000	594

ACTIVATED CARBON PAPER FILTER

PRAT DUMAS

Activated carbon paper used to dispose benzene, toluene, xylene, ethylbenzene or other small organic molecules. Commonly used in water filtration and odor removal. Available in flat disks

reference	Ø (mm)	type	pcs/pack	price/pack kr
ACAF-070-100	70	disk	100	126
ACAF-090-100	90	disk	100	209
ACAF-110-100	110	disk	100	312
ACAF-125-100	125	disk	100	402
ACAF-150-100	150	disk	100	579



BLOTTING PAPER FOR GERMINATION TESTS

PRAT DUMAS

Blotting paper used in laboratory for the tests and the controls of germination. It allows to determine the capacity of germination of seeds. Good absorption capacity (300 %). Paper supplied in wrinkled bands (50 double folds) of 2 m length and 110 mm wide. Color: white, yellow or grey

reference	l (mm)	w (mm)	color	pcs/pack	price/pack kr
GERF-001-100	2000	110	white	100	1214
GERF-002-100	2000	110	yellow	100	1214
GERF-003-100	2000	110	grey	100	1214

BLAINE TEST FILTER PAPER

PRAT DUMAS

Special paper for determining the fineness of cement according to EN 196-6:2010 standard. Methods of cement testing. Determination of fineness. Available in flat disks. Diameters: 12,7 mm or 40,5 mm

reference	Ø (mm)	type	pcs/pack	price/pack kr
BLAF-012-1K0	12,7	disk	1000	690
BLAF-040-1K0	40,5	disk	1000	856

PRAT DUMAS

MICROFIBER GLASS PAPER FILTER, GRADE GFFC (1,2 µm)

Paper made from 100% borosilicate glass microfiber without binder. Fast filtration with a retention of fine particles. Standard filter for determination of particle suspensions (S.P.M.) in drinking or sewage water according to European standards (EN 872) and American standards (Standard Methods 2540D). Can be used at very high temperatures. Surface weight 55 g/m², pore 1,2 µm, thickness 270 µm. Available in flat disks. Equivalence: Whatman GF/C, Macherey Nagel GF-3, Millipore AP40, S&S GF52

reference	Ø (mm)	type	pcs/pack	price/pack kr
GFFC-025-100	25	disk	100	319
GFFC-047-100	47	disk	100	319
GFFC-055-100	55	disk	100	371
GFFC-070-100	70	disk	100	461
GFFC-090-100	90	disk	100	770
GFFC-E47-050	47	disk, sterile	50	459

BRANCHIA

GLASS MICROFIBER FILTER, GRADE BGF-3 (1,2 µm)

Paper made from 100% borosilicate glass microfiber without binder. Fast filtration with a retention of fine particles. Adsorbs the finest particles down to 1 µm from liquids and below 1 µm in gases, aerosols included (HEPA). Standard filter for determination of Total Suspended Solids (TSS) in drinking or sewage water according to European standards (EN 872) and American standards (Std Methods 2540D). Can be used at temperatures up to 500 °C. Surface weight 53 g/m², pore 1,2 µm, thickness 260 µm and retention DOP 99,998%. Available in flat disks. Equivalence: Whatman GF/C, Macherey Nagel GF-3, Millipore AP40, S&S GF52

reference	Ø (mm)	type	pcs/pack	price/pack kr
BGFC-047-100	47	disk	100	323
BGFC-090-100	90	disk	100	740

PRAT DUMAS

GLASS MICROFIBER FILTER, GRADE GFFA (1,6 µm)

Paper made from 100% borosilicate glass microfiber without binder. Very fast filtration with a high retention and capacity of fine particles. For general laboratory use. Can be used at very high temperatures. Surface weight 37 g/m², pore 1,6 µm, thickness 190 µm. Available in flat disks. Equivalence: Whatman GF/A, Macherey Nagel GF-1, S&S GF50

reference	Ø (mm)	type	pcs/pack	price/pack kr
GFFA-025-100	25	disk	100	304
GFFA-047-100	47	disk	100	304
GFFA-055-100	55	disk	100	345
GFFA-090-100	90	disk	100	666

BRANCHIA

GLASS MICROFIBER FILTER, GRADE BGF-1 (1,6 µm)

Paper made from 100% borosilicate glass microfiber without binder. Fast filtration with a retention of fine particles. Adsorbs the finest particles down to 1 µm from liquids and below 1 µm in gases, aerosols included (HEPA). Indicated for controls of environmental pollution and ozone levels, as well as for controls of the content of algae in water. Can be used at temperatures up to 500 °C. Surface weight 52 g/m², pore 1,6 µm, thickness 260 µm and retention DOP 99,998%. Available in flat disks. Equivalence: Whatman GF/A, Macherey Nagel GF-1, S&S GF50

reference	Ø (mm)	type	pcs/pack	price/pack kr
BGFA-047-100	47	disk	100	306
BGFA-090-100	90	disk	100	674

CN AND CE MEMBRANE FILTERS, NON-STERILE

PRAT DUMAS

Plain white membranes available in cellulose nitrate (CN) and cellulose acetate (CA)

reference	Ø (mm)	pore (µm)	type	pcs/pack	price/pack kr
MACN-447-100	47	0,45	cellulose acetate	100	723
MACN-247-100	47	0,20	cellulose acetate	100	723
MACN-847-100	47	0,80	cellulose acetate	100	834
MCNN-447-100	47	0,45	cellulose nitrate	100	745
MCNN-247-100	47	0,20	cellulose nitrate	100	745
MCNN-847-100	47	0,80	cellulose nitrate	100	860

NYLON MEMBRANE FILTERS, NON-STERILE

BRANCHIA

Membrane made of hydrophilic Nylon 66. Suitable for sample preparation in HPLC applications. Ideal for routine analysis

reference	Ø (mm)	pore (µm)	pcs/pack	price/pack kr
MFNY-247-200	47	0,22	200	585
MFNY-447-200	47	0,45	200	585

PES MEMBRANE FILTERS, NON-STERILE

BRANCHIA

Very suitable for culture media assays. Membrane made of Polyethersulfone (PES), inherently hydrophilic. Fast filtration speed. Membrane mechanically very strong and resistant to an extensive range of aqueous solvents. Low protein binding

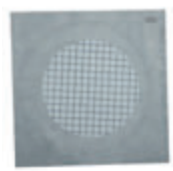
reference	Ø (mm)	pore (µm)	pcs/pack	price/pack kr
MFPE-247-200	47	0,22	200	1337
MFPE-447-200	47	0,45	200	1337

CN MEMBRANE FILTERS, STERILE

PRAT DUMAS

White cellulose nitrate membranes (CN) with black grid for microbiology applications. Sterile, individual packaging

reference	Ø (mm)	pore (µm)	pcs/pack	price/pack kr
MCNE-447-100	47	0,45	100	562
MCNE-247-100	47	0,20	100	584
MCNE-450-100	50	0,45	100	766
MCNE-250-100	50	0,20	100	766



FUNNEL SHORT STEM, POLYPROPYLENE

astiK's

Autoclavable at 121°C. The larger funnels FUSP-200-012 and FUSP-250-012 have a handle for easy use

reference	$Ø_{inner\ top}$ (mm)	$Ø_{outer\ top}$ (mm)	l_{stem} (mm)	$Ø_{ext\ stem}$ (mm)	pcs/pack	price/pack kr
FUSP-050-012	50	58	48	7	12	89
FUSP-062-012	62	70	60	7	12	134
FUSP-075-012	75	83	75	8	12	134
FUSP-100-012	100	108	90	9	12	238
FUSP-150-012	150	158	110	16	12	551
FUSP-200-012	200	210	85	23	12	938
FUSP-250-006	250	260	90	25	6	1069

LBG

FUNNEL WITH LONG STEM

Made of borosilicate glass LBG 3.3 and according to ISO 4798 standard

reference	Ø top (mm)	l stem (mm)	Ø stem (mm)	pcs/pack	price/pack kr
FUL3-050-006	50	150	7	6	137
FUL3-060-006	60	150	8	6	162
FUL3-075-006	75	150	9	6	192
FUL3-090-006	90	150	11	6	238

LBG

FUNNEL WITH SHORT STEM

Made of borosilicate glass LBG 3.3 and according to ISO 4798 standard

reference	Ø top (mm)	l stem (mm)	Ø stem (mm)	pcs/pack	price/pack kr
FUS3-040-012	40	50	7	12	256
FUS3-050-012	50	50	7	12	272
FUS3-060-012	60	60	7	12	319
FUS3-075-012	75	75	8	12	340
FUS3-090-012	90	90	10	12	439
FUS3-100-006	100	100	10	6	235
FUS3-120-006	120	120	12	6	502

astiK's

FUNNEL, PTFE

Chemically resistant and inert. Smooth, non-sticky internal surface

reference	Ø top (mm)	Ø stem (mm)	h (mm)	pcs/pack	price/pack kr
FPTF-050-001	50	10	85	1	400
FPTF-070-001	70	12	110	1	586
FPTF-100-001	100	14	170	1	1205
FPTF-150-001	150	16	220	1	2105

clink

FUNNEL, STAINLESS STEEL

Made of 316 stainless steel

reference	Ø top (mm)	Ø stem (mm)	h (mm)	pcs/pack	price/pack kr
FUNA-060-001	60	15	65	1	318
FUNA-100-001	100	15	120	1	424
FUNA-150-001	150	20	170	1	530
FUNA-200-001	200	20	220	1	706

astiK's

POWDER FUNNEL, POLYPROPYLENE

Autoclavable at 121 °C

reference	Ø top (mm)	Ø stem (mm)	pcs/pack	price/pack kr
PFUP-065-006	65	12	6	106
PFUP-080-006	80	12	6	176
PFUP-100-006	100	18	6	228
PFUP-150-006	150	24	6	418

THISTLE FUNNEL

astiK's

Made of polypropylene. Facilitates the addition of liquids to burettes and narrow neck flasks

reference	$Ø_{top}$ (mm)	$Ø_{stem}$ (mm)	l_{total} (mm)	pcs/pack	price/pack kr
THIP-035-001	35	6	250	1	26

FUNNEL HOLDER

astiK's

Polypropylene. To hold funnels with top diameter of 50 to 120 mm

reference	type	pcs/pack	price/pack kr
FHOP-001-001	for 1 funnel	1	56

SEPARATORY FUNNEL, CONICAL WITH PTFE STOPCOCK AND PLASTIC STOPPER

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	l (mm)	mouth	$Ø_{max}$ (mm)	pcs/pack	price/pack kr
SFT3-060-002	60 ml	205	14/23	50	2	439
SFT3-125-002	125 ml	260	19/26	68	2	502
SFT3-250-002	250 ml	290	19/26	76	2	647
SFT3-500-002	500 ml	330	24/29	98	2	714
SFT3-1K0-002	1000 ml	430	29/32	120	2	937

SEPARATORY FUNNEL, CONICAL WITH PTFE STOPCOCK

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4800 standard

reference	capacity	l (mm)	mouth	$Ø_{max}$ (mm)	pcs/pack	price/pack kr
SFTG-050-001	50 ml	240	19/26	49	1	378
SFTG-100-001	100 ml	265	19/26	64	1	389
SFTG-250-001	250 ml	320	29/32	83	1	427
SFTG-500-001	500 ml	350	29/32	96	1	480
SFTG-1K0-001	1000 ml	440	29/32	130	1	680
SFTG-2K0-001	2000 ml	490	29/32	143	1	1003

SEPARATORY FUNNEL, CONICAL WITH GLASS STOPCOCK AND PLASTIC STOPPER

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	l (mm)	mouth	$Ø_{max}$ (mm)	pcs/pack	price/pack kr
SFU3-060-002	60 ml	205	14/23	52	2	305
SFU3-125-002	125 ml	260	19/26	66	2	331
SFU3-250-002	250 ml	290	19/26	76	2	364
SFU3-500-002	500 ml	330	24/29	98	2	453

SEPARATORY FUNNEL, WITH SCREW TYPE NEEDLE VALVE AND PLASTIC STOPPER

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4800 standard

reference	capacity	l (mm)	mouth	Ø max (mm)	pcs/pack	price/pack kr
SFNG-050-001	50 ml	120	19/26	50	1	206
SFNG-100-001	100 ml	145	19/26	65	1	218
SFNG-250-001	250 ml	190	29/32	85	1	263
SFNG-500-001	500 ml	230	29/32	100	1	324
SFNG-1K0-001	1000 ml	300	29/32	135	1	544
SFNG-2K0-001	2000 ml	350	29/32	155	1	917

SEPARATORY FUNNEL, WITH PTFE STOPCOCK AND PLASTIC STOPPER, GILSON TYPE

Made of 3.3 borosilicate glass (upper grade)

reference	capacity	l total (mm)	mouth	Ø max (mm)	pcs/pack	price/pack kr
SFGG-050-001	50 ml	300	19/26	53	1	505
SFGG-100-001	100 ml	330	19/26	66	1	522
SFGG-250-001	250 ml	400	29/32	87	1	540
SFGG-500-001	500 ml	440	29/32	107	1	623
SFGG-1K0-001	1000 ml	500	29/32	134	1	911
SFGG-2K0-001	2000 ml	600	29/32	169	1	1249

DROPPING FUNNEL, WITH PTFE STOPCOCK AND PLASTIC STOPPER, CYLINDRICAL

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4800 and 3585 standards. With graduation

reference	capacity	l (mm)	mouth	Ø max (mm)	pcs/pack	price/pack kr
SFCG-050-001	50 ml	120	14/23	34	1	512
SFCG-100-001	100 ml	140	14/23	44	1	551
SFCG-250-001	250 ml	210	29/32	54	1	574
SFCG-500-001	500 ml	260	29/32	67	1	719
SFCG-1K0-001	1000 ml	300	29/32	88	1	1223

SEPARATORY FUNNEL, POLYPROPYLENE

Autoclavable at 121 °C. With screw cap and PP stopcock with PTFE joint

reference	capacity	l (mm)	Ø max (mm)	pcs/pack	price/pack kr
SFUP-100-002	100 ml	250	59	2	353
SFUP-250-002	250 ml	305	83	2	427
SFUP-500-002	500 ml	355	99	2	538

SEPARATORY FUNNEL HOLDER

Polypropylene. To hold funnels from 125 ml up to 500 ml

reference	type	pcs/pack	price/pack kr
SFHP-001-001	for 1 funnel	1	65

CRUCIBLE WITH FILTER PLATE

Made of top quality 3.3 borosilicate glass. Maximum temperature: 220 °C (heat and cool in a slow and controlled manner). Each crucible has a sintered disc with a different porosity grade: 150 - 200 µm (porosity 0), 90 - 150 µm (porosity 1), 40 - 90 µm (porosity 2), 15 - 40 µm (porosity 3), 5 - 15 µm (porosity 4), 1 - 2 µm (porosity 5)

reference	capacity	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
FTC3-030-001	30 ml	35	60	porosity 0	1	85
FTC3-A30-001	30 ml	35	60	porosity 1	1	79
FTC3-B30-001	30 ml	35	60	porosity 2	1	79
FTC3-C30-001	30 ml	35	60	porosity 3	1	79
FTC3-D30-001	30 ml	35	60	porosity 4	1	79
FTC3-E30-001	30 ml	35	60	porosity 5	1	79
FTC3-050-001	50 ml	40	70	porosity 0	1	136
FTC3-A50-001	50 ml	40	70	porosity 1	1	125
FTC3-B50-001	50 ml	40	70	porosity 2	1	125
FTC3-C50-001	50 ml	40	70	porosity 3	1	125
FTC3-D50-001	50 ml	40	70	porosity 4	1	125
FTC3-E50-001	50 ml	40	70	porosity 5	1	152
“Saving package”						
FTC3-030-010	30 ml	35	60	porosity 0	10	826
FTC3-A30-010	30 ml	35	60	porosity 1	10	765
FTC3-B30-010	30 ml	35	60	porosity 2	10	765
FTC3-C30-010	30 ml	35	60	porosity 3	10	765
FTC3-D30-010	30 ml	35	60	porosity 4	10	765
FTC3-E30-010	30 ml	35	60	porosity 5	10	765
FTC3-050-010	50 ml	40	70	porosity 0	10	1317
FTC3-A50-010	50 ml	40	70	porosity 1	10	1210
FTC3-B50-010	50 ml	40	70	porosity 2	10	1210
FTC3-C50-010	50 ml	40	70	porosity 3	10	1210
FTC3-D50-010	50 ml	40	70	porosity 4	10	1210
FTC3-E50-010	50 ml	40	70	porosity 5	10	1473

CRUCIBLES IN OUR CHAPTER “THERMOREGULATION, COMBUSTION AND CALCINATION”

We offer a wider variety of crucibles, of different shapes and materials, in our chapter on “Thermoregulation, combustion and calcination”, on pages 288 to 291.

BÜCHNER FUNNEL WITH SINTERED DISC

Made of top quality 3.3 borosilicate glass. To be used with a filtering flask with standard ground mouth reference FFK3. Each funnel has a sintered disc with a different porosity grade: 90-150 µm (porosity 1), 40-90 µm (porosity 2), 15-40 µm (porosity 3), 5-15 µm (porosity 4)

reference	capacity	Ø (mm)	joint ST/NS	type	pcs/pack	price/pack kr
BFU3-A35-001	35 ml	30	19/26	porosity 1	1	330
BFU3-B35-001	35 ml	30	19/26	porosity 2	1	330
BFU3-C35-001	35 ml	30	19/26	porosity 3	1	330
BFU3-D35-001	35 ml	30	19/26	porosity 4	1	330
BFU3-A80-001	80 ml	40	29/32	porosity 1	1	566
BFU3-B80-001	80 ml	40	29/32	porosity 2	1	566
BFU3-C81-001	80 ml	40	19/26	porosity 3	1	566
BFU3-C80-001	80 ml	40	29/32	porosity 3	1	566
BFU3-D80-001	80 ml	40	29/32	porosity 4	1	566
BFU3-20A-001	200 ml	65	29/32	porosity 1	1	754
BFU3-20B-001	200 ml	65	29/32	porosity 2	1	754
BFU3-21C-001	200 ml	65	19/26	porosity 3	1	754
BFU3-20C-001	200 ml	65	29/32	porosity 3	1	754
BFU3-20D-001	200 ml	65	29/32	porosity 4	1	754

HIRSCH FUNNEL *PREMIUM LINE*

HDN ceramics

Made of porcelain. Highly resistant to chemical attack. With fixed perforated plate for paper or membrane filters. Glazed inside and outside, except rim. Autoclavable

reference	capacity	$Ø_{top}$ (mm)	h (mm)	for paper filter Ø	pcs/pack	price/pack kr
HFFK-030-001	10 ml	30	50	10 mm	1	119
HFFK-040-001	12 ml	40	70	13-15 mm	1	140
HFFK-050-001	25 ml	50	75	25-30 mm	1	161
HFFK-075-001	50 ml	75	130	40-47 mm	1	250

FILTERING FLASK, GROUND MOUTH WITH HOSE CONNECTOR

LBG

Made of borosilicate glass LBG 3.3

reference	capacity	$Ø_{base}$ (mm)	h (mm)	$Ø_{side\ hose}$ (mm)	joint ST/NS	pcs/pack	price/pack kr
FFK3-101-001	100 ml	64	105	8	29/32	1	107
FFK3-102-001	100 ml	64	105	8	19/26	1	107
FFK3-250-001	250 ml	85	128	10	29/32	1	188
FFK3-500-001	500 ml	105	165	10	29/32	1	234
FFK3-1K0-001	1000 ml	131	210	10	29/32	1	361

FILTERING FLASK, ERLENMEYER SHAPE

LBG

Manufactured in neutral glass LBG N

reference	capacity	Ø base (mm)	h (mm)	Ø inn.mouth (mm)	Ø side hose (mm)	pcs/pack	price/pack kr
FFEN-250-001	250 ml	90	160	30	8	1	87
FFEN-500-001	500 ml	115	210	34	10	1	121
FFEN-1K0-001	1000 ml	140	245	43	10	1	190

FILTERING FLASK, ERLENMEYER SHAPE

Manufactured with top quality 3.3 borosilicate glass. According to ISO 6556 and USP standard

reference	capacity	Ø base (mm)	h (mm)	Ø inn.mouth (mm)	Ø side hose (mm)	pcs/pack	price/pack kr
FFE3-100-002	100 ml	72	105	24	8	2	288
FFE3-125-002	125 ml	72	107	25	9	2	304
FFE3-250-002	250 ml	84	158	29	10	2	361
FFE3-500-002	500 ml	106	188	33,5	10	2	480
FFE3-1K0-002	1000 ml	135	242	37	12	2	865
FFE3-2K0-001	2000 ml	166	280	40	12	1	780
FFE3-5K0-001	5000 ml	220	390	65	12	1	2387

FILTERING FLASK, PP

astiK's

Molded in one piece, can withstand full vacuum to 30 mmHg. Suitable for tubing with 6,4 mm to 9,5 mm inner diameters. Side arm tubulation at 45° angle helps prevent tipping

reference	capacity	Ø base (mm)	h (mm)	Ø mouth (mm)	Ø side hose (mm)	pcs/pack	price/pack kr
FFEP-250-001	250 ml	91	139	37	6	1	229
FFEP-500-001	500 ml	115	186	46	6	1	296
FFEP-1K0-001	1000 ml	143	214	48	6	1	381
FFEP-2K0-001	2000 ml	158	270	55	6	1	423

BÜCHNER FUNNEL, PORCELAIN *PREMIUM LINE*

HDN ceramics

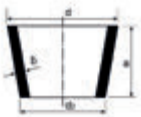
Made of high grade porcelain. Glazed inside and outside except rim. Autoclavable

reference	capacity	Ø top (mm)	h (mm)	for paper filter Ø	pcs/pack	price/pack kr
BFUK-035-001	35 ml	50	91	35-40 mm	1	74
BFUK-100-001	100 ml	65	103	50-55 mm	1	95
BFUK-200-001	200 ml	86	140	70 mm	1	148
BFUK-350-001	350 ml	105	162	90 mm	1	169
BFUK-600-001	600 ml	127	194	110 mm	1	202
BFUK-800-001	800 ml	143	200	110-124 mm	1	289
BFUK-1K1-001	1150 ml	172	220	142-150 mm	1	626
BFUK-2K0-001	2000 ml	210	272	185 mm	1	866
BFUK-4K8-001	4800 ml	270	352	240 mm	1	1347

BÜCHNER FUNNEL, POLYPROPYLENE

Autoclavable at 121 °C. Removable base for an easy cleaning

reference	capacity	$Ø_{top}$ (mm)	h_{total} (mm)	for paper filter Ø	pcs/pack	price/pack kr
BFUP-070-001	120 ml	75	140	70 mm	1	74
BFUP-110-001	400 ml	130	210	110 - 125 mm	1	129



GUKO RUBBER GASKETS, FOR FILTERING FLASK

Made of natural rubber, grey

reference	size	d (mm)	d_2 (mm)	a (mm)	b (mm)	pcs/pack	price/pack kr
GUKO-001-001	1	21	12	18	2,5	1	14
GUKO-002-001	2	27	17	20	3	1	16
GUKO-003-001	3	33	21	24	3	1	19
GUKO-004-001	4	41	27,5	27	4	1	24
GUKO-005-001	5	53	33	34	5	1	29
GUKO-006-001	6	68	48	35	5,5	1	37
GUKO-007-001	7	78	58	35	6	1	52
GUKO-008-001	8	89	66	40	6,5	1	64

GUKO SET RUBBER GASKETS, FOR FILTERING FLASK

Contains one unit of each of the 8 available sizes

reference	type	pcs/pack	price/pack kr
GUKO-SET-001	sizes from 1 to 8 (one of each size)	1	190

FILTER UNIT FOR 47 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Contains flask, fritted glass holder base, funnel and aluminium clamp. Hose connector is designed for tubing $Ø_{inner}$ 6 mm

reference	description	pcs/pack	price/pack kr
FUC3-1K0-001	complete set with 1000 ml flask	1	2688
FUC3-2K0-001	complete set with 2000 ml flask	1	3026
Accessories and spare parts			
FU13-1K0-001	ground joint flask 40/35 1000 ml	1	679
FU13-2K0-001	ground joint flask 40/35 2000 ml	1	1032
FU23-1K0-001	fritted glass support base, pore 90-150 µm	1	1207
FU3M-000-001	aluminum clamp	1	476
FU43-250-001	funnel, 300 ml (graduated up to 250 ml)	1	429

GLASS FILTER HOLDER FOR 90 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Contains base and tubulated cap, PTFE-coated stainless steel screen, funnel and aluminium clamp. Hose connector is designed for tubing $Ø_{inner}$ 6 mm. Flask is not included (see any 40/35 ground joint flask)

reference	description	pcs/pack	price/pack kr
FUC3-090-001	glass filter holder for 90 mm disc filters	1	5916
Accessories and spare parts			
FU23-090-001	base and tubulated cap	1	2178
FU23-09T-001	stainless steel screen, PTFE coated	1	1614
FU23-09G-001	gasket PTFE	1	55
FU43-1K0-001	funnel, 1000 ml, for 90 mm filter holder	1	1145
FU3M-090-001	aluminium clamp, 90 mm	1	1048

GROUND JOINT FILTER FLASK 40/35

Made of top quality 3.3 borosilicate glass

reference	description	pcs/pack	price/pack kr
FU13-1K0-001	ground joint flask 40/35 1000 ml	1	679
FU13-2K0-001	ground joint flask 40/35 2000 ml	1	1032
FU13-5K0-001	ground joint flask 40/35, conical bottom, 5000 ml	1	9069

STAINLESS STEEL FILTER MANIFOLD

clink

Available in 3 or 6 positions. The manifold includes a hose connector for a tubing with internal diameter 10 mm. Can be connected to any filter holder bearing a stopper size #8, such as FUC3-047-001 or FUSS-047-001

reference	description	$Ø_{inner\ mouth}$ (mm)	l (mm)	pcs/pack	price/pack kr
MNFA-003-001	3 positions	33,8	360	1	13994
MNFA-006-001	6 positions	33,8	660	1	19597

FILTER HOLDER FOR 25 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Contains base with fritted glass holder, silicone stopper #5 ($Ø_{upper}$ 27 mm y $Ø_{lower}$ 23 mm), funnel and aluminium clamp. Can be completed with Filtering flask FFE3-125-002

reference	description	pcs/pack	price/pack kr
FUC3-025-001	filter holder for 25 mm disc filters	1	1619
Accessories and spare parts			
FU23-025-001	fritted glass base, 25 mm, pore 90-150 µm	1	774
FU43-015-001	funnel, 15 ml, for 25 mm filter holder	1	290
FU23-005-001	silicone stopper #5	1	77
FU3M-025-001	aluminium clamp, 25 mm	1	542

FILTER HOLDER FOR 47 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Includes base with fritted glass holder, silicone stopper #8 ($Ø_{upper}$ 41 mm y $Ø_{lower}$ 33 mm), funnel and aluminium clamp. Can be completed with Filtering flask FFE3-1K0-002 or a Filter manifold

reference	description	pcs/pack	price/pack kr
FUC3-047-001	filter holder for 47 mm disc filters	1	2004
Spare parts			
FU23-047-001	fritted glass base, 47 mm, pore 90-150 µm	1	1062
FU43-251-001	funnel, 300 ml (graduated up to 250 ml)	1	482
FU23-008-001	silicone stopper #8	1	118
FU3M-001-001	aluminium clamp	1	462

STAINLESS STEEL FILTER HOLDER FOR 47 mm DISC FILTERS

Includes stainless steel holder, support screen and funnel (300 ml), silicone stopper #8 ($Ø_{upper}$ 41 mm y $Ø_{lower}$ 33 mm) and aluminium clamp. Can be connected to any filter holder bearing a stopper size #8

reference	description	pcs/pack	price/pack kr
FUSS-047-001	stainless steel filter holder for 47 mm disc filters	1	3515
Spare parts			
FUSS-A01-001	stainless steel support screen, 47 mm	1	1398
FUSS-A04-001	stainless steel funnel, 300 ml	1	1598
FUSS-A02-001	silicone stopper #8	1	120
FUSS-A03-001	aluminium clamp	1	399

ESSENTIAL OIL DETERMINATION APPARATUS, (CLEVENGER APPARATUS)

Made of heat resistant, low expansion, 3.3 borosilicate glass (upper grade). The sample is boiled in the boiling flask, steam rises in the assembly up to a condenser, and the condensate falls into the small extractor burette (water is returned to the tank through a channel whose position differs according to the densitiy of the oil in relation to water). After some time, the oil volume collected in the burette can be directly measured. Includes 1000 ml round bottom flask (24/29), 300 mm Liebig condenser (24/29) and 10 ml extractor with 0 – 10 ml graduation and 0,1 ml subdivisions (24/29)

reference	capacity	type	pcs/pack	price/pack kr
EIDG-001-001	1000 ml	for oil more dense than water	1	1312
EIDG-002-001	1000 ml	for oil less dense than water	1	1312

DISTILLATION FLASK

Made of heat resistant, ASTM E-438 type 1, 3.3 borosilicate glass (upper grade). Complies with ASTM E-133, ASTM D-86, D-233, D-801 & D 802 (except FLDG-500-002)

reference	capacity	Ø (mm)	h (mm)	$Ø_{side}$ (mm)	pcs/pack	price/pack kr
FLDG-125-002	125 ml	68	215	7	2	483
FLDG-250-002	250 ml	85	226	9	2	525
FLDG-500-002	500 ml	105	240	9	2	587

STANDARD STACKABLE LABORATORY SIEVES ACCORDING ISO 3310/1

clink

Manufactured with metal mesh in stainless steel AISI-316 compatible with all manufacturers. Conforms to ISO standards. With serial number and certificate of conformity according to the required standard

reference	Ø x h (mm)	mesh (mm)	type	pcs/pack	price/pack kr
SIEV-206-001	200 x 50	3,15	mesh	1	1819
SIEV-2A6-001	200 x 50	2,50	mesh	1	1513
SIEV-205-001	200 x 50	2,00	mesh	1	1513
SIEV-2A5-001	200 x 50	1,40	mesh	1	1513
SIEV-204-001	200 x 50	1,00	mesh	1	1513
SIEV-2A4-001	200 x 50	0,71	mesh	1	1513
SIEV-203-001	200 x 50	0,50	mesh	1	1513
SIEV-2A3-001	200 x 50	0,355	mesh	1	1513
SIEV-202-001	200 x 50	0,25	mesh	1	1513
SIEV-2A2-001	200 x 50	0,18	mesh	1	1513
SIEV-201-001	200 x 50	0,125	mesh	1	1513
SIEV-2A1-001	200 x 50	0,09	mesh	1	1605
SIEV-200-001	200 x 50	0,063	mesh	1	1665
SIEV-2A0-001	200 x 50	0,045	mesh	1	2008
Bottom and lid					
SIEV-20B-001	200	-	bottom	1	737
SIEV-20T-001	200	-	lid	1	614

THIMBLES FOR SOXHLET EXTRACTORS

PRAT DUMAS

Made of pure cellulose, neutral cotton, without fat, without any type of binder resin that could contaminate the sample

reference	$Ø_{inner}$ (mm)	$Ø_{outer}$ (mm)	h (mm)	pcs/pack	price/pack kr
EXTH-18A-025	18	21	60	25	774
EXTH-19B-025	19	22	80	25	774
EXTH-22A-025	22	25	60	25	774
EXTH-22B-025	22	25	80	25	774
EXTH-25B-025	25	29	80	25	834
EXTH-26A-025	26	30	60	25	842
EXTH-27B-025	27	31	80	25	861
EXTH-28B-025	28	32	80	25	861
EXTH-28C-025	28	32	100	25	872
EXTH-30B-025	30	34	80	25	838
EXTH-30C-025	30	34	100	25	838
EXTH-33B-025	33	37	80	25	838
EXTH-33C-025	33	37	100	25	911
EXTH-33G-025	33	37	118	25	1075
EXTH-33D-025	33	37	130	25	964
EXTH-37D-025	37	42	130	25	900
EXTH-41H-025	41	46	123	25	1228
EXTH-41E-025	41	46	150	25	1228

BRANCHIA

THIMBLES FOR SOXHLET EXTRACTORS

Made of pure cellulose, neutral cotton, without fat, without any type of binder resin that could contaminate the sample

reference	Ø inner (mm)	Ø outer (mm)	h (mm)	pcs/pack	price/pack kr
BXTH-18A-025	18	20	55	25	578
BXTH-19C-025	19	21	90	25	578
BXTH-22A-025	22	24	60	25	626
BXTH-22B-025	22	24	80	25	603
BXTH-25B-025	25	27	80	25	617
BXTH-26A-025	26	28	60	25	626
BXTH-27B-025	27	29	80	25	650
BXTH-28B-025	28	30	80	25	664
BXTH-28C-025	28	30	100	25	664
BXTH-30B-025	30	32	80	25	626
BXTH-30C-025	30	32	100	25	626
BXTH-33B-025	33	35	80	25	650
BXTH-33C-025	33	35	100	25	674
BXTH-33G-025	33	35	118	25	707
BXTH-37D-025	37	39	130	25	822
BXTH-41H-025	41	43	123	25	974

LBG

SOXHLET EXTRACTION APPARATUS WITH 30 ML EXTRACTOR BODY

Made of borosilicate glass LBG 3.3. The complete apparatus includes a Dimroth condenser (DRO3-030-001), a 30 ml extractor (EXB3-030-001) and a 100 ml flat bottom flask (BFF3-101-001). The most adequate thimble reference is EXTH-22B-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack kr
SOX3-030-001	29/32	29/32	full set	1	1011
Spare parts					
DRO3-030-001		29/32	Dimroth condenser	1	546
EXB3-030-001	29/32	29/32	30 ml extractor body	1	567
BFF3-101-001	29/32		100 ml flat bottom flask	1	80

SOXHLET EXTRACTION APPARATUS WITH 100 ML EXTRACTOR BODY

Made of 3.3 borosilicate glass (upper grade). The complete apparatus includes a Dimroth condenser (DROG-100-001), extractor (EXBG-100-001) and flat bottom flask (BFFG-250-001). The most adequate thimble reference is EXTH-33B-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack kr
SOH3-100-001	29/32	45/40	full set	1	1449
Spare parts					
DROG-100-001	45/40		Dimroth condenser	1	707
EXBG-100-001	29/32	45/40	100 ml extractor body	1	750
BFFG-250-001	29/32		250 ml flat bottom flask	1	117
BFLG-250-001	29/32		250 ml round bottom flask	1	129

SOXHLET EXTRACTION APPARATUS WITH 250 ML EXTRACTOR BODY

Made of 3.3 borosilicate glass (upper grade). The complete apparatus includes a Dimroth condenser (DROG-250-001), an extractor (EXBG-250-001) and flat bottom flask (BFFG-500-001). The most adequate thimble reference is EXTH-33D-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack kr
SOH3-250-001	29/32	45/40	full set	1	1852
Spare parts					
DROG-250-001		45/40	Dimroth condenser	1	932
EXBG-250-001	29/32	45/40	250 ml extractor body	1	992
BFFG-500-001	29/32		500 ml flat bottom flask	1	170
BFLG-500-001	29/32		500 ml round bottom flask	1	191

SOXHLET EXTRACTION APPARATUS WITH 500 ML EXTRACTOR BODY

Made of top quality 3.3 borosilicate glass. The complete apparatus includes a Dimroth condenser (DROG-500-001), and extractor (EXBG-500-001) and a flat bottom flask (BFFG-1K0-001). The most adequate thimble reference is EXTH-41E-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack kr
SOH3-500-001	29/32	60/46	full set	1	2705
Spare parts					
DROG-500-001		60/46	Dimroth condenser	1	1394
EXBG-500-001	29/32	60/46	500 ml extractor body	1	1403
BFFG-1K0-001	29/32		1000 ml flat bottom flask	1	258
BFLG-1K0-001	29/32		1000 ml round bottom flask	1	305

"ROTARY EVAPORATOR, EVA180-B

Set of vertical glassware included (REVA-A01-001). Speed range from 20 to 200 rpm. 5 L water-oil heating universal bath with heating temperature range of RT to 180 °C, with a precise temperature control (±1 °C in water) and that can be used independently. LED screen that displays heating temperature, rotation speed and timing. Patented condenser with excellent cooling effect (cooling surface 1700 cm^2). Manual lift combined with auxiliary lift for precise positioning of the glassware. Evaporating flask with an ejector, easy to remove. Chemically resistant double PTFE system and patented pressure spring provide excellent sealing. External dimensions (mm): 440 x 320 x 450 (main unit) and 300 x 300 x 240 (heating bath). Weight: 7 kg (main unit) and 3 kg (heating bath). 100-240 V / 50-60 Hz, insulation rating IP20 (DIN EN60529). Warranty 2 years. It is recommended to combine with the vacuum pump VACU-R20-001. The most suitable rubber tubing references are RUTT-006-002 for the vacuum and LTXT-007-005 for the condenser

reference	description	pcs/pack	price/pack kr
REVB-180-001	rotary evaporator, LBX EVA180-B series	1	26618

"ROTARY EVAPORATOR, EVA180

Set of vertical glassware included (REVA-A01-001). Speed range from 20 to 280 rpm. Large 5 L water-oil heating bath with heating temperature range of RT to 180 °C, with precise temperature control (±1 °C in water) and adjustable safety circuit. Large and easy to read digital LCD screen displays heating temperature, rotation speed and timing. Patented condenser with excellent cooling effect (cooling surface 1700 cm^2). Motorized lift with quick-action, automatic release of evaporating flask to top position in case of power failure. Adjustable final position recognition to protect operator and sample against breakage. Evaporating flask with an ejector, easy to remove. Chemically resistant double PTFE system and patented pressure spring provide excellent sealing. External dimensions (mm): 583x465x457. Weight: 15 kg. PC can control and document all parameters via RS232 interface (USB). 100-240 V / 50-60 Hz, insulation rating IP20 (DIN EN60529). Warranty 2 years. It is recommended to combine with the vacuum pump VACU-R20-001. The most suitable rubber tubing references are RUTT-006-002 for the vacuum and LTXT-007-005 for the condenser

reference	description	pcs/pack	price/pack kr
REVA-180-001	rotary evaporator, LBX EVA180 series	1	35422

ACCESSORIES AND SPARE PARTS FOR ROTARY EVAPORATORS

For the REVA-180-001 and REVB-180-001 rotary evaporators

reference	description	pcs/pack	price/pack kr
REVA-A01-001	set of vertical glassware, including condenser, evaporating flask (29/32) and receiving flask (35/20) Volume: 1000 ml	1	11009
REVA-A02-001	receiving flask (35/20), 1000 ml	1	567
REVA-A03-001	vapor tube (29/32)	1	1457
REVA-A04-001	vacuum seal	1	1430
REV5-001-001	distilling spider for 5 flasks; socket size (female) 29/32, cone size (male) 24/29	1	1338

RECIRCULATING CHILLER, RC-1

This device offers a solution to a wide range of cooling needs in laboratories and industrial applications. It offers a cost-effective and environmentally friendly alternative to the use of tap water. The device can be used with different equipment that requires refrigerant-based condensation: rotary evaporators, distillation equipment, Soxhlet apparatus for extraction, Clevenger equipment, etc. The device is equipped with wheels and a refrigerant level indicator in the tank. It uses the refrigerant R-290 (with low environmental impact). It is recommended to use it with a 5 % glycol mixture in water. It allows the simultaneous connection of up to four different devices. Compliant with DIN 12876-2 standard. 230 V / 50 Hz. 1 year warranty

reference	capacity	ext. dim. (l x w x h)	gamme de temp.	stabilité de temp.	puissance	pcs/pack	price/pack kr
CHIL-040-001	40 L	460 x 475 x 740 mm	-7 - 25 °C	±1 °C	430 W	1	26106

WATER VACUUM PUMP WITH CHECK VALVE

LBG

Integrated non-return valve. Made of borosilicate glass LBG 3.3

reference	Ø connector (mm)	h (mm)	Ø side hose (mm)	pcs/pack	price/pack kr
VPU3-018-001	18	150	9	1	205

CONNECTION KIT FOR WATER VACUUM PUMP

astiK's

Allows to fix the water vacuum (VPU3-018-001) to the faucet

reference	type	pcs/pack	price/pack kr
VPUA-001-001	includes 30 cm of tube and 2 tubing ties	1	53

WATER VACUUM PUMP WITH CHECK VALVE, POLYPROPYLENE

astiK's

Integrated non-return valve. Can be dismantled easily for cleaning. Autoclavable at 121 °C

reference	Ø connector (mm)	h (mm)	Ø side hose (mm)	pcs/pack	price/pack kr
VPUP-001-001	13,5	190	9	1	271
Spare parts					
VPUP-A01-001	spare tube conector for VPUP-001-001			1	19

HAND OPERATED VACUUM PUMP

lbx

Made of high impact polystyrene. Can reach a vacuum of up to 652 mmHg pumping manually. With hose connector for tubing with internal Ø 6 mm, for example Ref. RUTT-006-002

reference	type	pcs/pack	price/pack kr
VACU-H01-001	without vacuum gauge	1	2777
VACU-H02-001	with vacuum gauge	1	3543

VACUUM PUMP, LBX V

lbx

For filter units, filtering flasks, desiccators and other laboratory applications. Compact and light weight. Piston powered vacuum pump, 100% oil-free transfer, clean and maintenance free. Adjustable vacuum. Vacuum gauge included. Silent running (50 dB). Overheating protection and overflow protection to prevent liquid from being sucked into the pump. Motor rotation: 1450 rpm. 220 V / 50 Hz. Warranty 2 years. It is recommended to combine vacuum pumps with a vacuum trap, essential in those cases where you work with a filter manifold

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack kr
VACU-V10-001	18 l/min	120 mbar / 670 mmHg	60 W	Ø 8 mm	1	5084
VACU-V20-001	20 l/min	40 mbar / 730 mmHg	80 W	Ø 8 mm	1	7027
VACU-V50-001	90 l/min	85 mbar / 695 mmHg	250 W	Ø 8 mm	1	11676

VACUUM PUMP WITH PTFE-COATING, LBX C

With a PTFE-coated diaphragm and a pump head with FKM valves, which makes it an efficient and affordable option for applications that involve mildly reactive gases, such as solvent purifications, SPE and vacuum filtrations. 100% oil-free transfer, clean and maintenance free. Silent running (50 dB). Overheat protection. 220V/50Hz. Warranty 1 year. It is recommended to combine with a vacuum trap, essential in those cases where you work with a filter manifold

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack kr
VACU-C10-001	20 l/min	99 mbar / 685 mmHg	60 W	Ø 8 mm	1	8421

CHEMICALLY RESISTANT VACUUM PUMP, LBX R

Chemically resistant pump therefore suitable for highly aggressive or corrosive gases and vapours because all wetted parts are made of PTFE material. For filter units, SPE, gel electrophoresis, rotary evaporator (only VACU-R20-001). Compact and light weight. 100% oil-free transfer, clean and maintenance free. Silent running (50 dB). Thermal protection. Motor rotation: 1450 rpm. 220 V / 50 Hz. Warranty 2 years. See the spare parts available for these devices on our website

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack kr
VACU-R10-001	18 l/min	99 mbar / 685 mmHg	60 W	Ø 8 mm	1	15157
VACU-R20-001	18 l/min	10 mbar / 752 mmHg	90 W	Ø 8 mm	1	22887

ROTARY VANE VACUUM PUMP, LBX K

Rotary vane mechanism that allows to generate a higher vacuum. Requires lubrication by recirculating oil (each pump includes a 500 ml VACU-KLB-500 bottle). Recommended for vacuum drying ovens of up to 60 L capacity and other high vacuum needs. Silent running (52 dB). Thermal protection. Motor rotation: 1440 rpm. 220 V / 50 Hz. Warranty 2 years

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack kr
VACU-K10-001	127 l/min	0,1 torr	375 W	Ø 10 mm	1	12090
Accessories and spare parts						
VACU-KLB-500	lubricant oil for LBX K pump, 500 ml				1	352
VACU-A35-001	oil mist outlet (must combine with VACU-S16-001 and an 8 mm intØ tube)				1	603
VACU-A36-001	oil exhaust filter for LBX K				1	1961

ACCESSORIES AND SPARE PARTS FOR VACUUM PUMPS LBX

See other spare parts available for these vacuum pumps on our website

reference	description	pcs/pack	price/pack kr
VACU-S01-001	repair kit for VACU-V10	1	1709
VACU-S02-001	repair kit for VACU-V20	1	2715
VACU-S03-001	repair kit for VACU-R10	1	2664
VACU-S04-001	repair kit for VACU-R20	1	5228
VACU-S05-001	prote™ filter cartridge (overflow protection) for VACU-V10 and V20	1	151
VACU-S06-001	glass moisture trap / vacuum regulator for VACU-R10 and R20	1	2363
VACU-S08-001	glass moisture trap / vacuum regulator for VACU-V10 and V20	1	1659
VACU-S10-001	muffler (air outlet) for VACU-V10 and V20	1	155
VACU-S13-001	glass moisture trap / vacuum regulator for VACU-V40 and V50	1	1659
VACU-S14-001	filter cartridge (overflow protection) for VACU-V40 and V50	1	151
VACU-S16-001	hose barb, 1/8 PT, 5/16 in.(8mm) for VACU-V10, V20, V40 and V50	1	91
VACU-S17-001	hose barb, 1/8 PT, 4/16 in.(6.4mm) for VACU-V10, V20 and V40	1	91
VACU-S18-001	hose barb for VACU-R10 and R20	1	352
VACU-S19-001	repair kit for VACU-V50	1	4456
VACU-S20-001	repair kit for VACU-C10	1	1519
VACU-S21-001	glass moisture trap / vacuum regulator for VACU-C10	1	2279

POLYCARBONATE VACUUM TRAP

Collecting recipient which prevents contaminants from migrating into the vacuum pump and vapors from being emitted back into the laboratory system. Made of resistant PC plastic. Not indicated for use with organic solvents. With entrance and exit ports for connecting tubes

reference	capacity	dimensions (length x width x height)	connector for tube	pcs/pack	price/pack kr
VTRA-01L-001	1 L	14 x 15 x 23 cm	Ø 9,4 mm	1	1193
VTRA-02L-001	2 L	14 x 15 x 33 cm	Ø 9,4 mm	1	1590
VTRA-04L-001	4 L	23 x 17 x 34 cm	Ø 10,4 mm	1	1988

DESKTOP WATER PURIFICATION SYSTEM, MICROMATIC SERIES

To obtain Type II Analytical Water from tap water, in a more ecological and economical way. Production flow: 2,5 L / h. Microprocessor control that allows monitoring through the digital display the quality of the filtered water, the status of the equipment and the need for fungible change. Quick and easy maintenance without periodic cleaning with acids. Optional 25 liter tank equipped with a dispensing tap. The equipment is delivered calibrated from factory (SGC ISO9001). Equipped with cartridge kit. Installation not included. 100-240V / 50-60Hz. External dimensions (l x w x h): 40 x 25 x 45 cm. Operating equipment weight: 9 kg. See the requirements for the installation of the system on our website. Warranty 1 year

reference	conductivity (µS/cm)	reverse osmosis performance	silica removal	type	pcs/pack	price/pack kr
WPSY-001-001	< 1	95 - 99 %	> 99 %	with 25 L tank	1	25048
WPSY-002-001	< 1	95 - 99 %	> 99 %	without tank	1	21362
Spare parts						
WPSY-A01-002	pretreatment cartridge to treat 600 L of water				2	1734
WPSY-A02-002	water type II resin cartridge to treat 1500 L of water				2	1966
WPSY-A03-001	osmosis cartridge 3 l/h				1	3795

RUBBER VACUUM TUBING

Natural rubber, red

reference	Ø inner (mm)	Ø outer (mm)	type	pcs/pack	price/pack kr
RUTT-004-002	4	10	for 4/5 hose	2 m	62
RUTT-006-002	6	16	for 8/9 hose	2 m	94
RUTT-008-002	8	16	for 9/10 hose	2 m	120
RUTT-010-002	10	22	for 12/13 hose	2 m	161
"Saving package"					
RUTT-004-010	4	10	for 4/5 hose	10 m	254
RUTT-006-010	6	16	for 8/9 hose	10 m	386
RUTT-008-010	8	16	for 9/10 hose	10 m	492
RUTT-010-010	10	22	for 12/13 hose	10 m	742

SILICONE TUBING, TRANSLUCENT

For lab applications where liquids must be transfered. Service temperature from -60 up to +200 °C. Certificate of biocompatibility, USP Class VI. Meets FDA and BgVV positive lists

reference	Ø inner (mm)	Ø outer (mm)	pcs/pack	price/pack kr
SILT-001-005	1	3	5 m	60
SILT-002-005	2	4	5 m	66
SILT-004-005	4	8	5 m	141
SILT-006-005	6	10	5 m	185
SILT-008-005	8	12	5 m	230
SILT-010-005	10	14	5 m	273
SILT-012-005	12	16	5 m	318
SILT-014-005	14	20	5 m	529
SILT-016-005	16	20	5 m	440
"Saving package"				
SILT-001-025	1	3	25 m	241
SILT-002-025	2	4	25 m	271
SILT-004-025	4	8	25 m	563
SILT-006-025	6	10	25 m	739
SILT-008-025	8	12	25 m	940
SILT-010-025	10	14	25 m	1137
SILT-012-025	12	16	25 m	1271
SILT-014-025	14	20	25 m	2202
SILT-016-025	16	20	25 m	1477

clink

MOHR'S TUBING CLIP

Nickel plated steel. To keep a tubing completely closed or open

reference	type	l (mm)	pcs/pack	price/pack kr
MOTC-070-005	max. opening: 10 mm	70	5	182

PTFE TUBING

Excellent chemical and thermal resistance (from -200 to 260 °C)

reference	Ø inner (mm)	Ø outer (mm)	pcs/pack	price/pack kr
TEFT-002-005	2	4	5 m	326
TEFT-004-005	4	6	5 m	462
TEFT-006-005	6	8	5 m	702
TEFT-008-005	8	10	5 m	883
TEFT-010-005	10	12	5 m	1282

LATEX TUBING

Amber colour. For lab applications where liquids must be transfered

reference	Ø inner (mm)	Ø outer (mm)	type	pcs/pack	price/pack kr
LTXT-004-005	4,5	9	for 4/5 hose	5 m	226
LTXT-007-005	7	10	for 8/9 hose	5 m	202
LTXT-008-005	8	12	for 10 hose	5 m	250
LTXT-010-005	10	14	for 12/13 hose	5 m	205
LTXT-012-005	12	18	for 15/16 hose	5 m	360
LTXT-014-005	14	20	for 16 hose	5 m	339
"Saving package"					
LTXT-004-025	4,5	9	for 4/5 hose	25 m	793
LTXT-007-025	7	10	for 8/9 hose	25 m	725
LTXT-008-025	8	12	for 10 hose	25 m	875
LTXT-010-030	10	14	for 12/13 hose	30 m	1176
LTXT-012-025	12	18	for 15/16 hose	25 m	1496
LTXT-014-020	14	20	for 16 hose	20 m	1328

RATCHET TUBING CLIP, PP

With a five positions ratchet system to regulate the liquid flow. For Ø 0,5 mm a Ø 9,5 mm tubing. Autoclavable at 121 °C

reference	type	pcs/pack	price/pack kr
RATC-001-012	max. opening: 95 mm	12	160

HOSE CLAMP

Made of stainless steel

reference	Ø (mm)	pcs/pack	price/pack kr
HOSS-010-005	10 - 17	5	78
HOSS-012-005	12 - 20	5	78
HOSS-015-005	15 - 25	5	78

astiK's

LABORATORY TRAY

Made of polypropylene. Autoclavable at 121 °C

reference	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack kr
TRYP-001-001	375	300	75	1	140
TRYP-002-001	450	350	75	1	211

astiK's

LABORATORY TRAY FOR BOTTLES

Made of polypropylene. With handle. Autoclavable at 121 °C

reference	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack kr
TRYP-003-001	380	240	115	1	368

astiK's

DEEP TRAY, PVC

For general laboratory use. Made of polyvinil chloride (PVC). Stackable

reference	internal dimensions (length x width x height)	external dimensions (length x width x height)	pcs/pack	price/pack kr
TRYV-001-001	200 x 150 x 45 mm	245 x 195 x 50 mm	1	186
TRYV-002-001	250 x 200 x 60 mm	305 x 250 x 60 mm	1	248
TRYV-003-001	320 x 260 x 70 mm	385 x 325 x 75 mm	1	373
TRYV-004-001	350 x 300 x 80 mm	420 x 375 x 85 mm	1	500
TRYV-005-001	430 x 330 x 90 mm	505 x 405 x 95 mm	1	714
TRYV-006-001	520 x 420 x 90 mm	600 x 495 x 100 mm	1	997
TRYV-007-001	675 x 530 x 100 mm	765 x 620 x 110 mm	1	1383
TRYV-008-001	540 x 420 x 180 mm	635 x 515 x 190 mm	1	2468

clink

INSTRUMENTS TRAY

304 stainless steel

reference	internal dimensions (length x width x height)	pcs/pack	price/pack kr
TRYS-015-001	150 x 100 x 30 mm	1	160
TRYS-020-001	200 x 150 x 35 mm	1	180
TRYS-030-001	300 x 200 x 40 mm	1	312
TRYS-035-001	350 x 250 x 50 mm	1	456
TRYS-045-001	450 x 350 x 50 mm	1	788

clink

INSTRUMENTS BOX

With lid and handle. 304 stainless steel

reference	internal dimensions (length x width x height)	pcs/pack	price/pack kr
IBOX-020-001	200 x 100 x 50 mm	1	264
IBOX-030-001	300 x 200 x 60 mm	1	466
IBOX-040-001	400 x 200 x 80 mm	1	888

INSTRUMENT BOX WITH COVER, PP

astiK's

The lid fits into the slot to prevent splashing. Ideal for storage, immersion of pipettes in disinfectant solution and sterilisation of small instruments. Stackable

reference	internal dimensions (length x width x height)	pcs/pack	price/pack kr
IBOP-022-001	225 x 150 x 70 mm	1	184
IBOP-045-001	450 x 150 x 70 mm	1	246

LABORATORY BOWL

clink

Rimmed edge and flat bottom. 304 stainless steel

reference	capacity	$Ø_{top}$ (mm)	pcs/pack	price/pack kr
WBSS-160-001	1 L	160	1	223
WBSS-220-001	2 L	220	1	317
WBSS-240-001	3 L	240	1	367
WBSS-270-001	5 L	270	1	447
WBSS-300-001	6 L	300	1	516
WBSS-320-001	8 L	320	1	686

CRUCIBLE TONGS

clink

Made of stainless steel

reference	l (mm)	pcs/pack	price/pack kr
Straight model (A)			
CRTS-150-002	150	2	102
CRTS-200-002	200	2	114
CRTS-250-002	250	2	140
CRTS-300-002	300	2	185
CRTS-400-002	400	2	235
CRTS-500-002	500	2	309
Medium bow (B)			
CRTM-150-002	150	2	102
CRTM-200-002	200	2	114
CRTM-250-002	250	2	140
CRTM-300-002	300	2	185
CRTM-400-002	400	2	235
CRTM-500-002	500	2	309

A

B

CRUCIBLE TONGS WITH HEAT PROTECTION

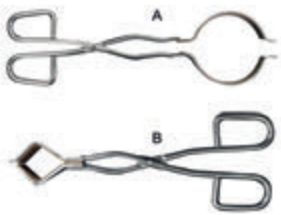
clink

Made of 410 SS. Robust, with a sturdy heat protector on the handle. Autoclavable

reference	l (mm)	pcs/pack	price/pack kr
CRTM-30P-001	300	1	164

clink

BOW SHAPE TONGS FOR CONTAINERS



Available in two models: suitable for beakers from 250 to 1500 ml and for flasks from 100 to 2000 ml. Both with cork lined jaws improving the insulation

reference	l (mm)	type	pcs/pack	price/pack kr
BKTW-300-002	300	for beakers (A)	2	139
FLTW-250-002	250	for flasks (B)	2	139

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SPATULA WITH SPOON

Made of stainless steel

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SPSS-120-005	120	15	5	80
SPSS-150-005	150	18	5	97
SPSS-175-005	175	17	5	109
SPSS-210-005	210	20	5	126

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SPATULA WITH SPOON *PREMIUM LINE*

Made of 304 SS. Autoclavable

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SPPL-P12-003	120	21,3	3	82
SPPL-P15-003	150	22	3	96
SPPL-P18-003	180	26	3	123
SPPL-P21-003	210	26	3	164
SPPL-P25-003	250	32	3	241
SPPL-P30-003	300	40	3	317

astiK's

SPATULA, POLYAMIDE

Made of polyamide (PA), reinforced glass fiber

reference	l (mm)	type	pcs/pack	price/pack kr
SPSA-D15-012	150	spatula-spatula	12	71
SPSA-D18-012	180	spatula-spatula	12	79

astiK's

SPATULA WITH SPOON, POLYPROPYLENE

Autoclavable at 121 °C

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SPSP-150-005	150	21	5	44
SPSP-200-005	200	22	5	59

PORCELAIN SPATULA WITH SPOON

HDN ceramics

Made of porcelain, withstands temperatures up to 1150 °C. Glazed

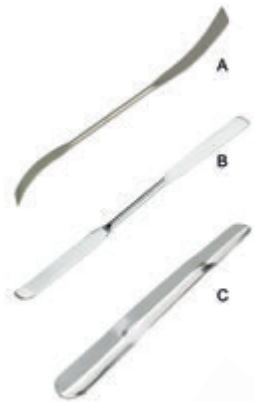
reference	l (mm)	pcs/pack	price/pack kr
PSWS-123-001	123	1	43
PSWS-165-001	165	1	58
PSWS-195-001	195	1	88

LABORATORY SPATULA

clink

Made of stainless steel

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
Doubled curved-end (A)				
SPDS-130-005	130	11	5	126
SPDS-150-005	150	11	5	143
SPDS-180-005	180	11	5	170
SPDS-210-005	210	11	5	192
Chattaway (B)				
SPCS-150-005	150	6	5	103
SPCS-200-005	200	7	5	133
Trulla (C)				
SPTS-001-005	170	22	5	138



SPATULA, CHATTAWAY *PREMIUM LINE*

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Made of 304 SS. Autoclavable

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SPPS-P13-003	130	9	3	82
SPPS-P15-003	150	9	3	96
SPPS-P18-003	180	9	3	109
SPPS-P20-003	200	10	3	123
SPPS-P25-003	250	10	3	150

GROOVED SPATULA *PREMIUM LINE*

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Made of 304 SS. Autoclavable

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SPGS-150-005	150	9,6	5	130
SPGS-180-005	180	9,6	5	160
SPGS-200-005	200	10	5	195
SPGS-250-005	250	10	5	232

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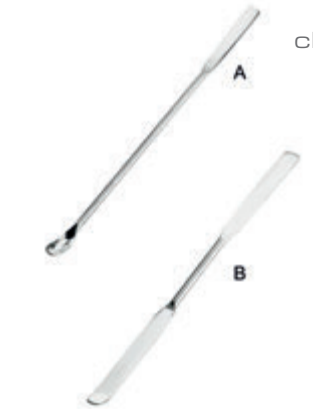
MORTAR SPATULA *PREMIUM LINE*

Made of 304 SS. Robust and durable. Autoclavable

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SPHS-150-001	150	19,5	1	75
SPHS-180-001	180	19,5	1	82
SPHS-250-001	250	25	1	137



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LABORATORY MICRO SPATULA

Made of stainless steel

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
With spoon (A)				
SPNS-150-005	150	5,7	5	132
SPNS-200-005	200	5,7	5	138
Chattaway (B)				
SPMS-100-005	100	3,5	5	86
SPMS-150-005	150	4	5	115
SPMS-200-005	200	4	5	143

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MICRO-SCOOP AND MICRO-SPATULA *PREMIUM LINE*

Made of 304 SS. Autoclavable

reference	L (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SCNS-150-005	150	5,1	5	119
SCNS-180-005	180	5,1	5	134
SCNS-210-005	210	5,1	5	148

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SPATULA WITH WOODEN HANDLE

Flexible stainless steel blade

reference	blade (mm)	handle (mm)	pcs/pack	price/pack kr
SPWS-100-001	100	100	1	43
SPWS-150-001	150	100	1	49
SPWS-200-001	200	100	1	55
SPWS-250-001	250	100	1	80
SPWS-300-001	300	100	1	86

SCISSORS

Made of stainless steel. Not suitable for autoclaving

reference	l (mm)	type	pcs/pack	price/pack kr
SCIS-14A-001	145	dissection straight, pointed/pointed (A)	1	49
SCIS-14B-001	145	dissection straight, pointed/blunt (B)	1	49
SCIS-14C-001	145	dissection straight, blunt/blunt (C)	1	49
SCIS-14D-001	140	dissection Mayo curved, pointed/pointed (D)	1	49
SCIS-13E-001	130	dissection Iris straight, pointed/pointed (E)	1	44
SCIS-115-001	115	microscopy straight, pointed/pointed (F)	1	49
SCIS-220-001	220	for general use, with red PVC handle (G)	1	114

SCISSORS *PREMIUM LINE*

Made of stainless steel grade 410. Autoclavable

reference	l (mm)	type	pcs/pack	price/pack kr
SCIP-14A-001	145	dissection straight, pointed/pointed (A)	1	73
SCIP-14B-001	145	dissection straight, pointed/blunt (B)	1	73
SCIP-14C-001	145	dissection straight, blunt/blunt (C)	1	73
SCIP-14D-001	140	dissection Mayo curved, pointed/pointed (D)	1	73
SCIP-13E-001	130	dissection Iris straight, pointed/pointed (E)	1	58
SCIP-130-001	130	microscopy straight, pointed/pointed (F)	1	73
SCIP-200-001	200	for general use, with blu PVC handle (G)	1	106

DISPOSABLE SCALPEL

Single packed, stainless steel blade fitted on plastic handle. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
SCAS-023-010	size 23, sterile	10	111

SCALPEL HANDLE

In stainless steel. Reusable and autoclavable, can be combined with our reference SCBL

reference	l (mm)	type	pcs/pack	price/pack kr
SCHA-003-001	125	for blade n° 10, 11, 15 (A)	1	34
SCHA-004-001	140	for blade n° 21 ,22, 23, 24 (B)	1	34

KRAPE S.A.

SCALPEL BLADES, STERILE

Individually packed in sturdy aluminium packaging. Sterile by E-BEAM rays. Compatible with our references SCHA-003-001 and SCHA-004-001. Medical device class IIa, according to the medical device regulation. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack kr
SCBL-010-100	blade n° 10	100	190
SCBL-011-100	blade n° 11	100	190
SCBL-015-100	blade n° 15	100	190
SCBL-021-100	blade n° 21	100	190
SCBL-022-100	blade n° 22	100	190
SCBL-023-100	blade n° 23	100	190
SCBL-024-100	blade n° 24	100	190

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SCALPEL WITH BLADE *PREMIUM LINE*

In stainless steel. Reusable and autoclavable

reference	L (mm)	type	pcs/pack	price/pack kr
SCAL-P01-001	150	one curved edge, sharp tip (A)	1	42
SCAL-P02-001	160	two curved edges, sharp tip (B)	1	42

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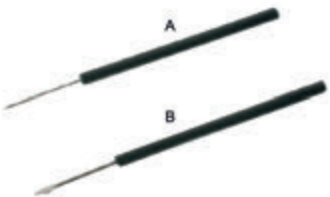

DISSECTION NEEDLE

Stainless steel needle with plastic handle

reference	type	pcs/pack	price/pack kr
DISS-001-005	pointed needle (A)	5	71
DISS-002-005	with blade (B)	5	115

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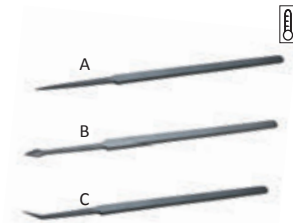

DISSECTING NEEDLES *PREMIUM LINE*

In stainless steel. Autoclavables

reference	type	pcs/pack	price/pack kr
DISS-P01-003	pointed needle (A)	3	74
DISS-P02-003	with blade (B)	3	74
DISS-P03-003	curved (C)	3	74
DISS-KIT-003	pointed, with blade and curved	3	74

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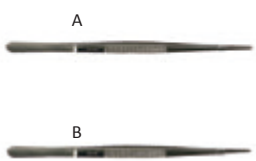

LONG LABORATORY FORCEPS

Made of stainless steel grade 410

reference	L (mm)	type	pcs/pack	price/pack kr
FORS-L01-001	300	straight fine tips (A)	1	137
FORS-L02-001	300	straight wide tips (B)	1	137

LABORATORY FORCEPS

Made of stainless steel grade 410

reference	l (mm)	type	pcs/pack	price/pack kr
FORS-001-002	125	straight end (A)	2	97
FORS-002-002	120	fine tips, spring (B)	2	109
FORS-003-002	136	fine tips (C)	2	97
FORS-004-002	110	wide end (D)	2	103
FORS-006-002	115	for cover-glasses and membranes (E)	2	90
FORS-007-002	120	fine tips, bent (F)	2	103
FORS-008-002	130	straight with teeth 1:2 (G)	2	109
FORS-009-002	115	curved round tips (H)	2	92

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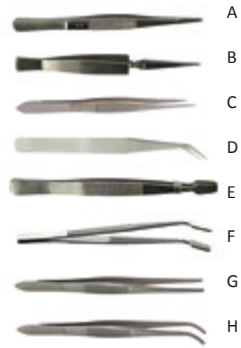

DISSECTING KITS *PREMIUM LINE*

Stainless steel instrument kit, presented in a black case with zip closure. Two different models with the essential elements for dissection and laboratory. The 6-piece dissection kit case includes: SCIP-130-001, FORS-001-002, DISS-P01-003, DISS-P02-003, DISS-P03-003, SCAL-P01-001. The 10 piece lab kit case includes: SCIP-14A-001, SCIP-14B-001, FORS-001-002, FORS-007-002, SCAL-P01-001, SPPL-P12-003, SCNS-150-005, SPPS-P13-003, SPGS-150-005 and DISS-P01-003. Instruments made of autoclavable stainless steel

reference	dimensions (L x w x h)	type	pcs/pack	price/pack kr
DISK-006-001	175 x 110 x 25 mm	dissecting kit	1	184
DISK-010-001	175 x 130 x 25 mm	laboratory kit	1	341
DISK-E10-001	175 x 130 x 25 mm	empty	1	67

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CHAIN CLAMP

For beakers and other big-diameter flasks. With stainless steel chain and spring

reference	Ø (mm)	pcs/pack	price/pack kr
CHAS-001-001	80 - 150	1	337

clink

RETORT CLAMP

Can hold 15 to 65 mm diameter objects

reference	l (mm)	type	pcs/pack	price/pack kr
RCL2-001-001	245	2 cork-lined prongs (A)	1	96
RCL3-001-001	260	3 rubber sleeved prongs (B)	1	96
RCL4-001-001	245	4 cork-lined prongs (C)	1	96

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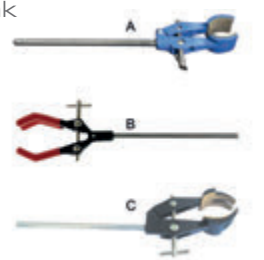

RETORT CLAMP FOUR PRONGS *PREMIUM LINE*

Made of die-cast aluminum alloy. Opening from 0 to 80 mm

reference	l (mm)	type	pcs/pack	price/pack kr
RCP4-001-001	230	4 cork-lined prongs	1	257

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RETORT CLAMP *PREMIUM LINE*

Made of antiacid and anticorrosive die-cast aluminum alloy

reference	Ø (mm)	l (mm)	type	pcs/pack	price/pack kr
RCP2-001-001	30 - 50	200	2 PVC sleeved prongs	1	261
RCP2-002-001	50 - 80	220	2 PVC sleeved prongs	1	333
RCP2-003-001	30 - 50	200	2 cork-lined prongs	1	251
RCP2-004-001	50 - 80	220	2 cork-lined prongs	1	305

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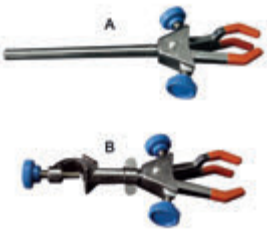
THREE FINGER DOUBLE ADJUST CLAMP

PVC coated prongs



reference	Ø (mm)	l (mm)	type	pcs/pack	price/pack kr
Without bosshead (A)					
RCD3-035-001	0 - 35	220	small	1	149
RCD3-060-001	0 - 60	270	large	1	209
With bosshead (B)					
RDS3-035-001	0 - 35	180	small	1	204
RDS3-060-001	0 - 60	210	large	1	250

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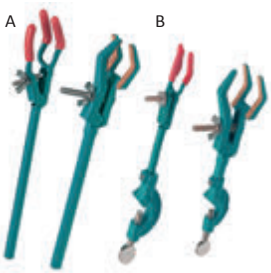
RETORT CLAMP THREE PRONGS *PREMIUM LINE*

Made of antiacid and anticorrosive light alloy



reference	Ø (mm)	l (mm)	type	pcs/pack	price/pack kr
Without bosshead (A)					
RPD3-025-001	10 - 25	170	PVC sleeved prongs	1	214
RPD3-045-001	25 - 45	225	cork-lined prongs	1	201
With bosshead (B)					
RPS3-025-001	10 - 25	204	PVC sleeved prongs	1	272
RPS3-045-001	25 - 45	210	cork-lined prongs	1	318

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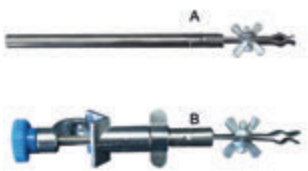
THERMOMETER EXTENSION CLAMP

To hold thermometers, burettes and small diameter objects



reference	l (mm)	type	pcs/pack	price/pack kr
THCL-001-001	200	without bosshead (A)	1	136
THCS-001-001	200	with bosshead (B)	1	187

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OPEN RING RETORT SUPPORT WITH BOSSHEAD

Made of chromium plated steel

reference	Ø (mm)	$Ø_{inside}$ (mm)	pcs/pack	price/pack kr
RROS-060-001	60	45	1	99
RROS-080-001	80	64	1	101
RROS-100-001	100	83	1	101
RROS-120-001	120	100	1	103

OPEN RING RETORT WITH BOSSHEAD *PREMIUM LINE*

Painted iron with epoxy powder

reference	Ø inner (mm)	l (mm)	pcs/pack	price/pack kr
RROP-050-001	50	120	1	208
RROP-070-001	70	130	1	221
RROP-085-001	85	140	1	225
RROP-115-001	115	160	1	269
RROP-135-001	135	175	1	310
RROP-150-001	150	195	1	334

click

CLOSED RETORT RING WITH BOSSHEAD

Made of stout wire

reference	Ø (mm)	pcs/pack	price/pack kr
RTRS-050-002	50	2	94
RTRS-075-002	75	2	101
RTRS-100-002	100	2	129
RTRS-125-002	125	2	163
RTRS-150-002	150	2	193

click

RETORT STAND

Heavy metal sheet with rubber lining. Includes a chromium plated rod with diameter and height shown below

reference	l_{base} (mm)	w_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
RTSM-160-001	160	100	670	10	500	1	224
RTSM-200-001	200	125	1220	10	500	1	258
RTSM-250-001	250	160	1450	10	500	1	346
RTSM-300-001	310	200	1600	10	700	1	434

click

RETORT STAND

Metal sheet. Includes an aluminum rod with diameter and height shown below

reference	l_{base} (mm)	w_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
RTMM-175-001	175	100	475	9	450	1	224
RTMM-225-001	225	125	775	10	500	1	164
RTMM-250-001	250	150	970	10	600	1	184
RTMM-300-001	300	150	1165	10	700	1	214

click

RETORT STAND

Cast iron. Includes a 600 mm high chromium plated rod

reference	l_{base} (mm)	w_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
RTCM-200-001	200	140	860	10	600	1	197

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RETORT STAND *PREMIUM LINE*

Made of steel powder coated Epoxy acid proof. Includes an aluminum rod with diameter and height shown below

reference	l_{base} (mm)	w_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
RTSP-200-001	200	130	2500	10	500	1	823
RTSP-250-001	250	160	4000	12	600	1	1050
RTSP-310-001	310	200	4800	12	800	1	1436

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TRIPOD STAND

Cast iron stand. Includes a 600 mm high chromium plated rod

reference	l_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
TSTM-135-001	135	1700	10	600	1	234

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TRIPOD STAND *PREMIUM LINE*

Painted cast iron stand. Includes a 600 mm height aluminum rod. The design provides greater stability

reference	l_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
TSTP-141-001	140	1800	12	600	1	1411

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U-SHAPE STAND *PREMIUM LINE*

Made of cast iron painted and oven-dried with epoxy powder and rubber protectors. Includes aluminum rod of the indicated diameter and height

reference	l_{base} (mm)	base weight (g)	$Ø_{rod}$ (mm)	h_{rod} (mm)	pcs/pack	price/pack kr
USSP-225-001	350	4000	12	600	1	1639
USSP-295-001	480	8000	15	1000	1	2704

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RETORT STAND , “H” SHAPE

With a heavy metal stand. 3 vertical and 2 horizontal rods of dimensions indicated below. All rods are joined by 6 heads in total

reference	$Ø_{rod}$ (mm)	h (mm)	l (mm)	w (mm)	base weight (g)	pcs/pack	price/pack kr
HSSM-010-001	10	800	500	250	6500	1	2034
HSSM-012-001	12	800	500	250	6250	1	2436

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BOSSHEAD, FISHER TYPE

Suitable for rod diameters from 9 to 16 mm

reference	type	pcs/pack	price/pack kr
BOSF-001-004	Fisher	4	218

BOSSHEAD, FISHER TYPE *PREMIUM LINE*

Aluminium alloy with nickel-plated steel screws. Suitable for rod diameters up to 16 mm

reference	type	pcs/pack	price/pack kr
BOFP-001-001	Fisher	1	108

BOSSHEAD, SQUARED

Suitable for rod diameters up to 16 mm

reference	type	pcs/pack	price/pack kr
BOSS-001-004	square	4	292

BOSSHEAD, HIGH STRENGTH

Designed to withstand high loads. Suitable for rod diameters up to 19 mm

reference	type	pcs/pack	price/pack kr
BOSH-001-001	bosshead	1	155

TRIPOD STAND CIRCULAR TOP

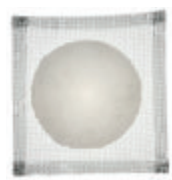
Cast iron top with zinc plated legs

reference	Ø (mm)	h (mm)	pcs/pack	price/pack kr
TRSC-175-001	125	175	1	94
TRSC-200-001	125	200	1	99

CERAMIC PLATE, IRON WIRE WITH CERAMIC CENTER

Without asbestos

reference	$Ø_{ceramic}$ (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
CPLS-100-001	70	100	100	1	14
CPLS-125-001	85	125	125	1	18
CPLS-150-001	100	150	150	1	22
CPLS-200-001	147	200	200	1	31
“Saving package”					
CPLS-100-020	70	100	100	20	241
CPLS-125-020	85	125	125	20	319
CPLS-150-020	100	150	150	20	370
CPLS-200-020	147	200	200	20	538



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LABORATORY JACK

Made of aluminum

reference	l (mm)	w (mm)	$h_{max.}$ (mm)	max. weight	hole dimensions	pcs/pack	price/pack kr
JACA-100-001	100	100	140	30 kg	does not have	1	423
JACA-150-001	150	150	280	60 kg	M8x1,25	1	614
JACA-200-001	200	200	290	60 kg	M8x1,25	1	795

clink

LABORATORY JACK, *PREMIUM LINE*

Made of anodised aluminium with stainless steel screw. The anodised coating makes it resistant to corrosion and scratching. Very robust and easy to clean

reference	l (mm)	w (mm)	$h_{max.}$ (mm)	max. weight	pcs/pack	price/pack kr
JACP-120-001	120	140	240	10 kg	1	1392

clink

GLASS TUBE CUTTER

Zinc alloy with nickel-chromium plated, with hardened steel cutting wheel

reference	type	pcs/pack	price/pack kr
GTCM-030-001	for up to 30 mm diameter tubes	1	164

GLASS STIRRING ROD

Glass stirring rod with round ends

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
STRN-150-005	7	150	5	42
STRN-200-005	7	200	5	47
STRN-300-005	7	300	5	52
STRN-400-005	9	400	5	58

PTFE STIRRING ROD

PTFE coated steel core

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
STRT-300-001	6	300	1	169

POLICEMAN STIRRING ROD, POLYPROPYLENE

Autoclavable at 121 °C

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
STRP-245-012	6	245	12	368

GRADUATED BOTTLE WITH ISO THREAD, BOROSILICATE 3.3

LBG

NEW

121°

Made of borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 45 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

reference	capacity	Ø base (mm)	h (mm)	thread	pcs/pack	price/pack kr
LBG3-100-010	100 ml	56	100	GL 45	10	341
LBG3-250-010	250 ml	70	138	GL 45	10	403
LBG3-500-010	500 ml	86	176	GL 45	10	502
LBG3-1K0-010	1000 ml	101	225	GL 45	10	721

GRADUATED BOTTLE WITH ISO THREAD, BOROSILICATE 3.3, LARGE FORMAT

LBG

121°

Made of borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 45 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

reference	capacity	Ø base (mm)	h (mm)	thread	pcs/pack	price/pack kr
SBG3-5K0-001	5000 ml	186	330	GL 45	1	1149
SBG3-10K-001	10000 ml	234	410	GL 45	1	2299
SBG3-20K-001	20000 ml	299	505	GL 45	1	3398

GRADUATED BOTTLE WITH ISO THREAD, BOROSILICATE 3.3, AMBER

SIMAX

121°

Made of amber borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 45 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

reference	capacity	Ø base (mm)	h (mm)	thread	pcs/pack	price/pack kr
SBGA-100-010	100 ml	56	100	GL 45	10	2121
SBGA-250-010	250 ml	70	138	GL 45	10	2245
SBGA-500-010	500 ml	86	176	GL 45	10	3758
SBGA-1K0-010	1000 ml	101	225	GL 45	10	4329
SBGA-2K0-001	2000 ml	136	260	GL 45	1	589

GRADUATED BOTTLE WITH ISO THREAD GL 80

SIMAX

121°

Made of borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 80 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

reference	capacity	dimensions (mm)	h (mm)	thread	pcs/pack	price/pack kr
SBS3-500-010	500 ml	94 x 94	141	GL 80	10	1647
SBS3-1K0-010	1000 ml	105 x 105	187	GL 80	10	1939
SBS3-2K0-001	2000 ml	115 x 115	260	GL 80	1	296
SBS3-5K0-001	5000 ml	160 x 160	357	GL 80	1	1962

GRADUATED BOTTLE WITH ISO THREAD GL 80, AMBER

Made of amber borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 80 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

reference	capacity	dimensions (mm)	h (mm)	thread	pcs/pack	price/pack kr
SBSA-500-010	500 ml	94 x 94	141	GL 80	10	5689
SBSA-1K0-010	1000 ml	105 x 105	187	GL 80	10	6443
SBSA-2K0-001	2000 ml	115 x 115	260	GL 80	1	709
SBSA-5K0-001	5000 ml	160 x 160	357	GL 80	1	2784

ACCESSORIES FOR LABORATORY BOTTLES WITH ISO THREAD

Caps and pouring rings of different colours for a better identification of the samples. PP caps and pouring rings have a thermal resistance up to 134 °C. PBTB caps with PTFE-coated silicone gasket and ETFE pouring rings can be used up to 200 °C, and have a higher chemical resistance than PP

reference	screw	material	description	pcs/pack	price/pack kr
SBGP-A01-010	GL 45	PP	blue cap	10	137
SBGP-A02-005	GL 45	PBTB/PTFE	red cap	5	604
SBGP-A05-010	GL 80	PP	blue cap	10	221
SBGP-A03-010	GL 45	PP	blue pouring ring	10	63
SBGP-A04-005	GL 45	ETFE	red pouring ring	5	126
SBGP-A06-010	GL 80	PP	blue pouring ring	10	68
SBGP-A07-010	GL 45	PP	green cap	10	148
SBGP-A08-010	GL 45	PP	orange cap	10	148
SBGP-A09-010	GL 45	PP	yellow cap	10	148
SBGP-A10-010	GL 45	PP	clear pouring ring	10	53

GLASS JAR WITH SCREW CAP

Made of neutral glass LBG N. White lid

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
TRTN-100-060	100 ml	46	96	TO43	60	645
TRTN-450-030	450 ml	67	169	TO63	30	499
TRTN-720-020	720 ml	82	173	TO77	20	363
TRTN-950-016	950 ml	93	178	TO77	16	366

PTFE BOTTLE, WIDE MOUTH

With screw cap (included). Chemically inert and thermally stable, -200 °C to +280 °C

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FRAT-025-001	25 ml	33	61	19	1	566
FRAT-100-001	100 ml	52	88	35	1	895
FRAT-250-001	250 ml	67	115	42	1	1270

WIDE MOUTH BOTTLE, HDPE

With black lid and insert plug

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
TROP-060-010	60 ml	57	45	46	10	90
TROP-125-010	125 ml	59	70	46	10	86
TROP-250-010	250 ml	67	98	62	10	123
TROP-500-010	500 ml	80	132	62	10	164
TROP-750-005	750 ml	99	127	86	5	116
TROP-1K0-005	1000 ml	102	151	86	5	119
TROP-2K0-001	2000 ml	118	227	86	1	50
"Saving package"						
TROP-060-500	60 ml	57	45	46	500	3617
TROP-125-300	125 ml	59	70	46	300	2201
TROP-250-280	250 ml	67	98	62	280	2933
TROP-500-160	500 ml	80	132	62	160	2239
TROP-750-112	750 ml	99	127	86	112	2205
TROP-1K0-090	1000 ml	102	151	86	90	1827
TROP-2K0-064	2000 ml	118	227	86	64	2740

astiK's

WIDE MOUTH BOTTLE, HDPE, ASEPTIC AND SINGLE FILM WRAPPED

With black lid and insert plug

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
TRAP-060-500	60 ml	57	45	46	500	7143
TRAP-125-300	125 ml	59	70	46	300	4213
TRAP-250-280	250 ml	67	98	62	280	4820
TRAP-500-160	500 ml	80	132	62	160	3416
TRAP-750-112	750 ml	99	127	86	112	3390
TRAP-1K0-090	1000 ml	102	151	86	90	2530

astiK's

WIDE MOUTH BOTTLE, HDPE, OPAQUE

Bottle and lids are made in white opaque colour. Insert plug included

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
TRWP-060-010	60 ml	57	45	46	10	81
TRWP-125-010	125 ml	59	70	46	10	88
TRWP-250-010	250 ml	67	98	62	10	125
TRWP-500-010	500 ml	80	132	62	10	162
TRWP-750-005	750 ml	99	127	85	5	161
TRWP-1K0-005	1000 ml	102	151	86	5	116

astiK's

TAMPER EVIDENT JAR

Leak-proof screw cap made of HDPE with security sealing. Body made of PP. Body and cap are made in white colour. Ideal for solid sampling, stocking and transport

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
TRPP-050-020	50 ml	35	50	20	171
TRPP-100-020	100 ml	50	60	20	202
TRPP-250-020	250 ml	65	85	20	386
TRPP-500-005	500 ml	90	110	5	150
TRPP-1K0-005	1000 ml	110	120	5	246

REAGENT BOTTLE CLEAR, NARROW MOUTH, WITH PP STOPPER

Made of 3.3 borosilicate glass (upper grade)

reference	capacity	Ø (mm)	h (mm)	joint ST/NS	pcs/pack	price/pack kr
RBG1-250-001	250 ml	71,5	129	19/26	1	119
RBG1-500-001	500 ml	102,2	180	24/29	1	144
RBG1-1K0-001	1000 ml	98,7	230	29/32	1	202
RBG1-2K0-001	2000 ml	136	265	29/32	1	478
“Saving package”						
RBG1-250-010	250 ml	71,5	129	19/26	1	1188
RBG1-500-010	500 ml	102,2	180	24/29	1	1693
RBG1-1K0-010	1000 ml	98,7	230	29/32	1	2164

REAGENT BOTTLE AMBER, NARROW MOUTH, WITH PP STOPPER

Made of 3.3 borosilicate glass (upper grade)

reference	capacity	Ø (mm)	h (mm)	joint ST/NS	pcs/pack	price/pack kr
RBG2-250-001	250 ml	71,5	129	19/26	1	209
RBG2-500-001	500 ml	102,2	180	24/29	1	341
RBG2-1K0-001	1000 ml	98,7	230	29/32	1	481
RBG2-2K0-001	2000 ml	136	265	29/32	1	1072
“Saving package”						
RBG2-250-010	250 ml	71,5	129	19/26	1	2061
RBG2-500-010	500 ml	102,2	180	24/29	1	3290
RBG2-1K0-010	1000 ml	98,7	230	29/32	1	5392

CLEAR GLASS BOTTLE

Made of Type III Soda-lime glass according to USP. Requires PP28 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRAN-030-156	30 ml	35	67	PP28	156	589
FRAN-060-127	60 ml	38,6	94	PP28	127	511
FRAN-125-104	125 ml	49	114,4	PP28	104	525
FRAN-250-060	250 ml	61,7	142,9	PP28	60	463
FRAN-500-035	500 ml	76,8	176,8	PP28	35	659
FRAN-1K0-020	1000 ml	97,5	215,6	PP28	20	541

AMBER GLASS BOTTLE

LBG

USP Type III

Made of Type III Soda-lime glass according to USP. Requires PP28 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRAA-030-156	30 ml	35	67	PP28	156	544
FRAA-060-160	60 ml	38,6	94	PP28	160	580
FRAA-125-104	125 ml	49	114,4	PP28	104	414
FRAA-250-060	250 ml	61,7	142,9	PP28	60	382
FRAA-500-035	500 ml	76,8	176,8	PP28	35	622
FRAA-1K0-020	1000 ml	97,5	215,6	PP28	20	547

CLEAR BOTTLE, PET

astiK's

Requires PP28 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FPET-060-078	60 ml	38	96	PP28	78	354
FPET-120-187	120 ml	48	115	PP28	187	1076
FPET-250-126	250 ml	58	148	PP28	126	1098
FPET-500-090	500 ml	69	180	PP28	90	879

AMBER BOTTLE, PET

astiK's

Requires PP28 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FPTA-060-078	60 ml	38	96	PP28	78	354
FPTA-120-187	120 ml	48	115	PP28	187	1076
FPTA-250-126	250 ml	58	148	PP28	126	1098
FPTA-500-090	500 ml	69	180	PP28	90	879

WIDE MOUTH BOTTLE, PET

astiK's

BPA FREE

With polypropylene black lid

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	screw	pcs/pack	price/pack kr
TPET-100-010	100 ml	72	39	64,1	D70	10	85
TPET-250-010	250 ml	72	77,5	64,1	D70	10	97
TPET-500-010	500 ml	104	77,7	92,9	D100	10	202
TPET-1K0-010	1000 ml	104	138,7	92,9	D100	10	234

Products identified with this symbol are suitable for food contact, and Labbox certifies it. They comply with the most recent EU regulations on materials in contact with food, and the FDA on raw materials.

PP28 MOUTH BOTTLE, HDPE

Requires PP28 screw cap (not included). Caution: for bottles FRIP-030-010 choose only TP28-X01-020 screw caps

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FRIP-030-010	30 ml	36	86	20	10	38
FRIP-050-010	50 ml	35	90	20	10	71
FRIP-100-010	100 ml	40	105	20	10	71
FRIP-250-010	250 ml	58	158	20	10	81
FRIP-500-010	500 ml	70	158	20	10	105
FRIP-1K0-005	1000 ml	90	213	20	5	74
"Saving package"						
FRIP-030-1K0	30 ml	36	86	20	1000	2927
FRIP-050-800	50 ml	35	90	20	800	4355
FRIP-100-400	100 ml	40	105	20	400	2178
FRIP-250-350	250 ml	58	158	20	350	2164
FRIP-500-180	500 ml	70	158	20	180	1439
FRIP-1K0-112	1000 ml	90	213	20	112	1162

PP28 SCREW CAP DROPPER

Screw cap with dropper-lid. Lid orifice of 3 mm diameter. For our glass bottles FRAN and FRAA

reference	screw	colour	pcs/pack	price/pack kr
TP28-201-020	PP28	white	20	53

PP28 SCREW CAP, PE

For our glass bottles references FRAN/FRAA, PET bottles references FPET/FPTA and HDPE bottles references FRIP. Caution: for bottles FRIP-030-010 choose only TP28-X01-020 screw caps

reference	screw	colour	pcs/pack	price/pack kr
TP28-001-020	PP28	white	20	52
TP28-002-020	PP28	black	20	48
TP28-003-020	PP28	yellow	20	48
TP28-004-020	PP28	blue	20	48
TP28-005-020	PP28	red	20	48
TP28-007-020	PP28	orange	20	48
TP28-X01-020	PP28	white	20	54
2000 units "Saving package"				
TP28-001-2K0	PP28	white	2000	3552

PP28 SCREW CAP, PP

astiK's

With HDPE translucent seal, for our glass bottles references FRAN/FRAA, PET bottles references FPET/FPTA and HDPE bottles references FRIP. Caution: for bottles FRIP-030-010 choose only TP28-X01-020 screw caps

reference	screw	colour	pcs/pack	price/pack kr
TP28-A01-020	PP28	white	20	66
2000 units "Saving package"				
TP28-A01-2K0	PP28	white	2000	4805

PP28 COUNTER DROP SCREW CAP

astiK's

Polyethylene counter drop screw cap with seal, nitrile teat and glass tube. Converts our glass bottles FRAN/FRAA, PET bottles FPET/FPTA and HDPE bottles FRIP into counter-drop bottles

reference	screw	type	pcs/pack	price/pack kr
CG28-030-010	PP28	for 30 ml bottle	10	72
CG28-060-010	PP28	for 60 ml bottle	10	72
CG28-125-010	PP28	for 125 ml bottle	10	72

GLASS BOTTLE NARROW NECK WITH DIN-18 SCREW CAP

LBG

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRGN-010-192	10 ml	25	58	DIN-18	192	308
FRGN-030-110	30 ml	33	79	DIN-18	110	258
FRGN-050-088	50 ml	37	92	DIN-18	88	265
FRGN-100-070	100 ml	44	112	DIN-18	70	279

AMBER GLASS BOTTLE WITH DIN-18 SCREW CAP

LBG

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRGA-005-255	5 ml	22	50	DIN-18	255	395
FRGA-010-192	10 ml	25	58	DIN-18	192	357
FRGA-015-156	15 ml	28	65	DIN-18	156	329
FRGA-020-156	20 ml	29	71	DIN-18	156	339
FRGA-030-110	30 ml	33	79	DIN-18	110	276
FRGA-050-088	50 ml	37	92	DIN-18	88	283
FRGA-100-070	100 ml	44	112	DIN-18	70	260

BLUE GLASS BOTTLE WITH DIN-18 SCREW CAP

LBG

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRGB-010-192	10 ml	25	58	DIN-18	192	401
FRGB-030-110	30 ml	33	79	DIN-18	110	365
FRGB-050-088	50 ml	37	92	DIN-18	88	350
FRGB-100-070	100 ml	44	112	DIN-18	70	430

LBG

USP Type III

GREEN GLASS BOTTLE WITH DIN-18 SCREW CAP

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRGG-010-192	10 ml	25	58	DIN-18	192	401
FRGG-030-110	30 ml	33	79	DIN-18	110	365
FRGG-050-088	50 ml	37	92	DIN-18	88	350
FRGG-100-070	100 ml	44	112	DIN-18	70	430

astiK's

DIN-18 COUNTER DROP SCREW CAP

Polypropylene counter drop screw cap with seal, silicone teat and glass tube. For converting to counter-drops our glass bottles FRGA, FRGN, FRGB and FRGG

reference	screw	type	pcs/pack	price/pack kr
CG18-005-020	DIN-18	for 5 ml bottle, white	20	97
CG18-010-020	DIN-18	for 10 ml bottle, white	20	100
CG18-015-020	DIN-18	for 15 ml bottle, white	20	97
CG18-020-020	DIN-18	for 20 ml bottle, white	20	97
CG18-030-020	DIN-18	for 30 ml bottle, white	20	104
CG18-050-020	DIN-18	for 50 ml bottle, white	20	101
CG18-100-020	DIN-18	for 100 ml bottle, white	20	97
CG18-B05-020	DIN-18	for 5 ml bottle, black	20	97
CG18-B10-020	DIN-18	for 10 ml bottle, black	20	97
CG18-B15-020	DIN-18	for 15 ml bottle, black	20	97
CG18-B20-020	DIN-18	for 20 ml bottle, black	20	98
CG18-B30-020	DIN-18	for 30 ml bottle, black	20	97
CG18-B50-020	DIN-18	for 50 ml bottle, black	20	97
CG18-10B-020	DIN-18	for 100 ml bottle, black	20	97

astiK's

DIN-18 GRADUATED COUNTER DROP SCREW CAP

Polypropylene counter drop screw cap with seal, silicone teat and glass tube. With a graduation volume printing, resistant to acid and alkalin solutions. For converting to counter-drops our glass bottles FRGA, FRGN, FRGB and FRGG

reference	screw	type	pcs/pack	price/pack kr
GC18-005-020	DIN-18	for 5 ml bottles, white	20	112
GC18-010-020	DIN-18	for 10 ml bottles, white	20	101
GC18-015-020	DIN-18	for 15 ml bottles, white	20	110
GC18-020-020	DIN-18	for 20 ml bottles, white	20	101
GC18-030-020	DIN-18	for 30 ml bottles, white	20	112
GC18-050-020	DIN-18	for 50 ml bottles, white	20	110
GC18-100-020	DIN-18	for 100 ml bottles, white	20	112
GC18-B05-020	DIN-18	for 5 ml bottles, black	20	110
GC18-B10-020	DIN-18	for 10 ml bottles, black	20	101
GC18-B15-020	DIN-18	for 15 ml bottles, black	20	112
GC18-B20-020	DIN-18	for 20 ml bottles, black	20	112
GC18-B30-020	DIN-18	for 30 ml bottles, black	20	109
GC18-B50-020	DIN-18	for 50 ml bottles, black	20	101
GC18-10B-020	DIN-18	for 100 ml bottles, black	20	112

DIN-18 SCREW CAP DROPPER

Polyethylene screw cap with dropper-lid. Lid orifice of 4 mm diameter. Converts our glass bottles FRGN, FRGA, FRGB and FRGG into counter-drop bottles

astiK's

reference	screw	colour	pcs/pack	price/pack kr
TP18-001-020	DIN-18	white	20	53
TP18-002-020	DIN-18	black	20	53
"Saving package"				
TP18-001-1K0	DIN-18	white	1000	2184
TP18-002-1K0	DIN-18	black	1000	2184

DIN-18 SCREW CAP

Polyethylene screw cap. For our glass bottles FRGN, FRGA, FRGB and FRGG

astiK's

reference	screw	colour	pcs/pack	price/pack kr
TP18-201-020	DIN-18	black	20	51
TP18-202-020	DIN-18	white	20	51
"Saving package"				
TP18-201-1K0	DIN-18	black	1000	1979
TP18-202-1K0	DIN-18	white	1000	1979

WIDE MOUTH BOTTLE, HDPE

Requires screw cap D34 (not included)

astiK's

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FRAP-125-010	125 ml	48	113	34	10	77
FRAP-250-010	250 ml	58	158	34	10	87
FRAP-500-010	500 ml	74	166,5	34	10	113
FRAP-1K0-005	1000 ml	90	210,5	34	5	80
"Saving package"						
FRAP-125-350	125 ml	48	113	34	350	2058
FRAP-250-350	250 ml	58	158	34	350	2337
FRAP-500-180	500 ml	74	166,5	34	180	1555
FRAP-1K0-112	1000 ml	90	210,5	34	112	1372

PE SCREW CAP WITH TAMPER-PROOF CLOSURE D34

For our wide neck bottles FRAP and FRBP

astiK's

reference	screw	colour	pcs/pack	price/pack kr
TP34-301-010	D34	white	10	28
TP34-302-010	D34	black	10	29
TP34-304-010	D34	blue	10	28
TP34-305-010	D34	red	10	28
TP34-306-010	D34	green	10	29
"Saving package"				
TP34-301-900	D34	white	900	2204

WIDE MOUTH BOTTLE, HDPE, FOR PHOTOSENSITIVE PRODUCTS

Black colour. Requires D34 screw cap (not included)

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FRBP-125-010	125 ml	48	113	34	10	75
FRBP-250-010	250 ml	58	158	34	10	85
FRBP-500-010	500 ml	74	166,5	34	10	110
FRBP-1K0-005	1000 ml	90	210,5	34	5	78
"Saving package"						
FRBP-125-350	125 ml	48	113	34	350	2128
FRBP-250-350	250 ml	58	158	34	350	2413
FRBP-500-180	500 ml	74	166,5	34	180	1606
FRBP-1K0-112	1000 ml	90	210,5	34	112	1388

LDPE SPRAY BOTTLE WITH HDPE NOZZLE

Body made of LDPE and HDPE nozzle. Head with ON-OFF lock

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FVAP-500-001	500 ml	72	215	22	1	64
FVAP-900-001	900 ml	80	270	22	1	64

HDPE SPRAY BOTTLE AND NOZZLE

Body and nozzle made of HDPE

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FVAP-1K0-001	1000 ml	90	271	22,5	1	68

NARROW MOUTH BOTTLE, LDPE

For converting to counter-drops using dropper nozzle with CA24 screw cap

reference	capacity	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
NMBP-050-010	50 ml	36,3	80	24/410	10	52
NMBP-125-010	125 ml	43	124,3	24/410	10	74
NMBP-250-010	250 ml	47	187,5	24/410	10	97
"Saving package"						
NMBP-050-800	50 ml	36,3	80	24/410	800	4368
NMBP-125-350	125 ml	43	124,3	24/410	350	2774
NMBP-250-350	250 ml	47	187,5	24/410	350	2798

PE DROPPER NOZZLE WITH 24/410 SCREW CAP

To use our narrow mouth bottle NMBP as a counter drop

reference	screw	colour	pcs/pack	price/pack kr
CA24-001-010	24/410	white	10	27
CA24-002-010	24/410	blue	10	27
CA24-003-010	24/410	red	10	27
"Saving package"				
CA24-001-1K8	24/410	white	1000	3549

LDPE DROPPER BOTTLE

astiK's

Manufactured in translucent LDPE, with white PP screw cap and LDPE dosing tip. It allows a reliable and reproducible dosage of liquids. Leak-proof. Suitable for most applications of biotechnology, diagnostics and pharmacy

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
DROP-004-050	4 ml	13,70	48,70	50	309
DROP-008-050	8 ml	17,20	54,60	50	344
DROP-015-050	15 ml	25,00	56,40	50	412
DROP-030-050	30 ml	25,10	80,50	50	614

GRADUATED WIDE MOUTH BOTTLE, CYLINDRICAL, PP

astiK's

Autoclavable at 121 °C. Standard thread according to DIN 13316 and 168

reference	capacity	graduation	Ø (mm)	h (mm)	screw	pcs/pack	price/pack kr
FRKP-050-010	50 ml	10 ml	38	88	GL 32	10	215
FRKP-100-010	100 ml	20 ml	48	105	GL 32	10	234
FRKP-250-010	250 ml	25 ml	60	140	GL 45	10	334
FRKP-500-005	500 ml	100 ml	75	170	GL 45	5	184
FRKP-1K0-005	1000 ml	100 ml	95	206	GL 63	5	332
FRKP-2K0-001	2000 ml	100 ml	120	252	GL 63	1	103
"Saving package"							
FRKP-050-100	50 ml	10 ml	38	88	GL 32	100	1843
FRKP-100-100	100 ml	20 ml	48	105	GL 32	100	1979
FRKP-250-050	250 ml	25 ml	60	140	GL 45	50	1420
FRKP-500-025	500 ml	100 ml	75	170	GL 45	25	778
FRKP-1K0-017	1000 ml	100 ml	95	206	GL 63	17	956
FRKP-2K0-015	2000 ml	100 ml	120	252	GL 63	15	1310

NARROW MOUTH ROUND BOTTLE, HDPE

astiK's

Rigid and translucent bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Ideal for storage and shipping of liquids. Suitable for freezer storage at -100 °C

reference	capacity	$Ø_{mouth}$ (mm)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
BBNN-004-012	4 ml	13	16	41	12	57
BBNN-008-012	8 ml	20	25	44	12	60
BBNN-015-012	15 ml	20	25	58	12	70
BBNN-030-012	30 ml	20	36	62	12	90
BBNN-060-012	60 ml	20	40,5	85	12	97
BBNN-125-012	125 ml	24	51	99	12	129
BBNN-250-012	250 ml	24	61	133	12	206
BBNN-500-012	500 ml	24	73	170	12	286
BBNN-1K0-006	1000 ml	38	92	216	6	246

WIDE MOUTH ROUND BOTTLE, HDPE

Rigid translucent bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Wide neck opening allows easy filling of dry matter and liquids. Suitable for freezer storage at -100 °C

reference	capacity	Ø mouth (mm)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
BBWN-030-012	30 ml	28	36,5	62,5	12	109
BBWN-060-012	60 ml	28	38,5	85	12	126
BBWN-125-012	125 ml	38	50,5	99	12	156
BBWN-250-012	250 ml	43	61,5	133	12	243
BBWN-500-012	500 ml	53	82,5	170	12	334
BBWN-1K0-006	1000 ml	63	91,5	199	6	274

AMBER NARROW MOUTH ROUND BOTTLE, HDPE

Rigid amber bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Ideal for storage and shipping of liquids. Suitable for freezer storage at -100 °C. Reduces UV light transmission to help protect light sensitive samples

reference	capacity	Ø mouth (mm)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
BBNA-004-012	4 ml	13	16	41	12	74
BBNA-008-012	8 ml	20	25	44	12	77
BBNA-015-012	15 ml	20	25	58	12	91
BBNA-030-012	30 ml	20	36	62	12	117
BBNA-060-012	60 ml	20	40,5	85	12	126
BBNA-125-012	125 ml	24	51	99	12	152
BBNA-250-012	250 ml	24	61	133	12	241
BBNA-500-012	500 ml	24	73	170	12	332
BBNA-1K0-006	1000 ml	38	92	216	6	321

AMBER WIDE MOUTH ROUND BOTTLE, HDPE

Rigid amber bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Wide neck opening allows easy filling of dry matter and liquids. Suitable for freezer storage at -100 °C. Reduce UV light transmission to help protect light sensitive samples

reference	capacity	Ø inner mouth (mm)	Ø (mm)	h (mm)	pcs/pack	price/pack kr
BBWA-030-012	30 ml	21	36,5	62,5	12	159
BBWA-060-012	60 ml	21,1	38,5	85	12	159
BBWA-125-012	125 ml	28,3	50,5	99	12	201
BBWA-250-012	250 ml	32,8	61,5	133	12	309
BBWA-500-012	500 ml	44	82,5	170	12	422
BBWA-1K0-006	1000 ml	51,9	91,5	199	6	398

ALUMINUM BOTTLE

clink

Monobloc. Manufactured in pure aluminum (min. 99.5%) without external aesthetic treatment. Particularly suitable for packaging, storage and transport of substances such as: essential oils, aromatic chemicals, perfume bases, food aromas, pesticides or photosensitive products. Matte Finish. Includes HDPE interior drip shutter and white polypropylene safety cap. Available with or without epoxy resin inner lining (suitable for direct food contact)

reference	normal capacity	overflow capacity	Ø x h (mm)	$Ø_{mouth}$ (mm)	Inner lining	pcs/pack	price/pack kr
BALN-100-005	100 ml	160 ml	50 x 116	24	no	5	184
BALN-250-005	250 ml	280 ml	50 x 154	24	no	5	250
BALN-500-005	500 ml	600 ml	74 x 190	28	no	5	333
BALN-1K0-005	1000 ml	1200 ml	89 x 247	28	no	5	478
BALN-10R-005	100 ml	160 ml	50 x 116	24	yes	5	225
BALN-25R-005	250 ml	280 ml	50 x 154	24	yes	5	299
BALN-50R-005	500 ml	600 ml	74 x 190	28	yes	5	382
BALN-1R0-005	1000 ml	1200 ml	89 x 247	28	yes	5	526

RECTANGULAR BOTTLE, HDPE

astiK's

Rigid and translucent bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Space-efficient, designed for transporting or storing dry matter and liquids. Suitable for freezer storage at -100 °C

reference	capacity	l (mm)	w (mm)	h (mm)	$Ø_{inner\ mouth}$ (mm)	pcs/pack	price/pack kr
BBRN-125-012	125 ml	60	39,4	97,3	21,1	12	202
BBRN-250-012	250 ml	75,5	54	112	28,8	12	330
BBRN-500-012	500 ml	100	64,7	140,6	38	12	498
BBRN-1K0-006	1000 ml	125,2	70,2	175	43,7	6	530
BBRN-2K0-004	2000 ml	150	97	240	52,3	4	559

RECTANGULAR AMBER BOTTLE, HDPE

astiK's

Rigid amber bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Space-efficient, designed for transporting or storing dry matter and liquids. Suitable for freezer storage at -100 °C. Reduce UV light transmission to help protect light sensitive samples

reference	capacity	l (mm)	w (mm)	h (mm)	$Ø_{inner\ mouth}$ (mm)	pcs/pack	price/pack kr
BBRA-125-012	125 ml	60	39,4	97,3	21,1	12	272
BBRA-250-012	250 ml	75,5	54	112	28,8	12	416
BBRA-500-012	500 ml	100	64,7	140,6	38	12	624
BBRA-1K0-006	1000 ml	125,2	70,2	175	43,7	6	662
BBRA-2K0-004	2000 ml	150	97	240	52,3	4	702

DROP DISPENSING BOTTLE

Made of LDPE with PP dropping tethered cap. Drop by drop liquid release. Graduated and leak proof

reference	capacity	Ø (mm)	h (mm)	$Ø_{inner\ mouth}$ (mm)	pcs/pack	price/pack kr
DDBP-030-012	30 ml	36,4	40	14,02	12	360
DDBP-060-012	60 ml	40,11	61,52	14,29	12	409
DDBP-125-012	125 ml	51,24	76,79	17,21	12	480
DDBP-250-012	250 ml	59,38	108,79	17,45	12	601

WIDE MOUTH BOTTLE GRADUATED, CYLINDRICAL, LDPE, WITH STAR CAP

With PP screw cap and LDPE insert plug. With rings in bottle body and cap for security sealing

reference	capacity	graduation	Ø (mm)	h (mm)	pcs/pack	price/pack kr
FRRP-050-010	50 ml	10 ml	40	78	10	103
FRRP-100-010	100 ml	20 ml	48	90	10	126
FRRP-250-010	250 ml	25 ml	61	125	10	155
FRRP-500-010	500 ml	50 ml	75	161	10	183
FRRP-1K0-005	1000 ml	100 ml	93	201	5	158
FRRP-2K0-001	2000 ml	100 ml	115	250	1	51
"Saving package"						
FRRP-050-600	50 ml	10 ml	40	78	600	4998
FRRP-100-400	100 ml	20 ml	48	90	400	4046
FRRP-250-350	250 ml	25 ml	61	125	350	4321
FRRP-500-120	500 ml	50 ml	75	161	120	1767
FRRP-1K0-115	1000 ml	100 ml	93	201	115	2908
FRRP-2K0-060	2000 ml	100 ml	115	250	60	2509

WIDE MOUTH BOTTLE GRADUATED, RECTANGULAR, HDPE, WITH STAR CAP

With PP screw cap and LDPE insert plug. With rings in bottle body and cap for security sealing

reference	capacity	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack kr
FRSP-050-010	50 ml	37	37	72	10	121
FRSP-100-010	100 ml	44	46	90	10	147
FRSP-250-010	250 ml	55	60	115	10	178
FRSP-500-010	500 ml	66	80	136	10	211
FRSP-1K0-005	1000 ml	82	102	177	5	182
FRSP-2K0-001	2000 ml	101	134	215	1	60
"Saving package"						
FRSP-050-600	50 ml	37	37	72	600	5671
FRSP-100-300	100 ml	44	46	90	300	3443
FRSP-250-350	250 ml	55	60	115	350	4903
FRSP-500-100	500 ml	66	80	136	100	1671
FRSP-1K0-115	1000 ml	82	102	177	115	3300
FRSP-2K0-070	2000 ml	101	134	215	70	3273

SECURITY SEAL FOR BOTTLES

Allows to seal bottles that have security rings in the body and in the cap (for example labbox references FRRP, FRGP and FRSP). Each seal has a single serial number printed

reference	type	pcs/pack	price/pack kr
SSEP-001-020	red plastic	20	122
SSEP-002-010	stainless steel wire	10	64

NARROW NECK GRADUATED BOTTLE, CYLINDRICAL, LDPE

With PP screw cap and LDPE insert plug. With rings in bottle body and cap for security sealing

reference	capacity	Ø (mm)	h (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
FRGP-050-010	50 ml	39	76	18,5	10	109
FRGP-125-010	125 ml	46	115	18,5	10	125
FRGP-250-010	250 ml	60	138	23	10	170
FRGP-500-010	500 ml	74	165	23	10	196
FRGP-1K0-005	1000 ml	93	201	34,5	5	152
FRGP-2K0-001	2000 ml	116	275	34,5	1	69
"Saving package"						
FRGP-050-100	50 ml	39	76	18,5	100	862
FRGP-125-100	125 ml	46	115	18,5	100	937
FRGP-250-050	250 ml	60	138	23	50	629
FRGP-500-115	500 ml	74	165	23	115	1656
FRGP-1K0-100	1000 ml	93	201	34,5	100	2461
FRGP-2K0-055	2000 ml	116	275	34,5	55	2464

GRADUATED BOTTLE WITH RECTANGULAR BASE

Made of HDPE. Ergonomic design. 75 mm screw cap (included)

reference	capacity	dimensions (mm)	colour	pcs/pack	price/pack kr
SUBP-2K0-001	2000 ml	95 x 115 x 245	white	1	42
SUBP-2K1-001	2000 ml	95 x 115 x 245	amber	1	40
“Saving package”					
SUBP-2K0-052	2000 ml	95 x 115 x 245	white	52	1817
SUBP-2K1-052	2000 ml	95 x 115 x 245	amber	52	1936

CLEAR CRIMP CAP VIAL

Made of Type III Soda-lime glass according to US Pharmacopeia. Requires caps and closures of 20 mm diameter (not included)

reference	capacity	$Ø_{base}$ (mm)	h (mm)	pcs/pack	price/pack kr
IVMN-010-192	10 ml	25,4	53,5	192	439
IVMN-020-120	20 ml	32	58	120	334
IVMN-030-092	30 ml	36	62,8	92	285
IVMN-050-084	50 ml	42,5	73	84	363
IVMN-100-063	100 ml	51,6	94,5	63	470

LBG

USP Type III

AMBER CRIMP CAP VIAL

Made of Type III Soda-lime glass according to US Pharmacopeia. Requires caps and closures of 20 mm diameter (not included)

reference	capacity	Ø base (mm)	h (mm)	pcs/pack	price/pack kr
IVMA-010-192	10 ml	25,4	53,5	192	446
IVMA-020-120	20 ml	32	58	120	334

bb

NEW

CAP AND CLOSURES FOR 20 mm CRIMP CAP VIALS

Aluminum caps and chlorobutyle closures for sample vials Ref. IVMN, IVMA

reference	type	pcs/pack	price/pack kr
CIVM-001-100	aluminum cap closure, crimp seal, removable center (A)	100	41
CIVF-001-100	aluminum cap closure, crimp seal, flip-off top (B)	100	61
CIVR-001-100	rubber closure, snap-on (C)	100	90
DIVR-001-100	rubber closure for lyophilization (D)	100	136

clink

TEAR-OFF SEAL REMOVER

Tool designed to completely remove the aluminum capsule or lift the tear-off tab of our reference CIVM-001-100

reference	type	pcs/pack	price/pack kr
TOSR-001-001	for Ø 20 mm capsules	1	57

LBG

121°

MCCARTNEY GLASS BOTTLE WITH ALUMINUM SCREW CAP

Made of borosilicate glass. Aluminum screw cap and silicon liner included. Particularly used in microbiology. Autoclavable

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MCBN-025-125	25 ml	28	85	125	1006

astiK's

121°

PP CYLINDRICAL CONTAINER WITH HANDLE

White colour. Pressure lid, seal system by a border (P system) and “Easy-opening” design

reference	capacity	Ø base (mm)	h (mm)	Ø mouth (mm)	pcs/pack	price/pack kr
CBIP-2K0-001	2,5 L	170	138	184	1	45
CBIP-3K0-001	3,8 L	166	176	184	1	45
CBIP-5K0-001	5,6 L	191	194	210	1	62
CBIP-8K0-001	8,0 L	226	221	253	1	101

SAFETY WASH BOTTLE, LABELLED, WIDE MOUTH

astiK's

Made of LDPE (low density polyethylene) and PP closure (polypropylene). English print, highly visible and solvent resistant. Includes a Chemical Abstract Service (CAS) n°, National Fire Protection Association (NFPA) codes and symbols, Protective Equipment Symbol, Target Organ Information and Hazard codes. Screw cap colour-coded

reference	capacity	Ø mouth (mm)	type	pcs/pack	price/pack kr
WBSP-501-001	500 ml	53	distilled water - neutral cap	1	55
WBSP-502-001	500 ml	53	ethanol - white cap	1	55
WBSP-503-001	500 ml	53	acetone - red cap	1	55
WBSP-504-001	500 ml	53	methanol - green cap	1	55
WBSP-505-001	500 ml	53	isopropanol - yellow cap	1	55
WBSP-1K1-001	1000 ml	53	distilled water - neutral cap	1	122
WBSP-1K2-001	1000 ml	53	ethanol - white cap	1	122
WBSP-1K3-001	1000 ml	53	acetone - red cap	1	122
WBSP-1K4-001	1000 ml	53	methanol - green cap	1	122
WBSP-1K5-001	1000 ml	53	isopropanol - yellow cap	1	122

SAFETY WASH BOTTLE, LABELLED WITH ANTI-DRIP SYSTEM

astiK's

Made of LDPE (low density polyethylene) and PP closure (polypropylene). With a non-metallic valve for easy vapour venting to prevent pressure buildup and splashing. English print, highly visible and solvent resistant. Includes a Chemical Abstract Service (CAS) n°, National Fire Protection Association (NFPA) codes and symbols, Protective Equipment Symbol, Target Organ Information and Hazard codes. Screw cap colour-coded

reference	capacity	Ø mouth (mm)	type	pcs/pack	price/pack kr
WBSP-5S1-001	500 ml	53	distilled water - neutral cap	1	83
WBSP-5S2-001	500 ml	53	ethanol - white cap	1	83
WBSP-5S3-001	500 ml	53	acetone - red cap	1	83
WBSP-5S4-001	500 ml	53	methanol - green cap	1	83
WBSP-5S5-001	500 ml	53	isopropanol - yellow cap	1	83
WBSP-1S1-001	1000 ml	53	distilled water - neutral cap	1	136
WBSP-1S2-001	1000 ml	53	ethanol - white cap	1	136
WBSP-1S3-001	1000 ml	53	acetone - red cap	1	136
WBSP-1S4-001	1000 ml	53	methanol - green cap	1	136
WBSP-1S5-001	1000 ml	53	isopropanol - yellow cap	1	136

NARROW NECK WASH BOTTLE

astiK's

Made of LDPE (low density polyethylene)

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
WBTP-100-001	100 ml	45	100	1	30
WBTP-250-001	250 ml	60,2	140	1	32
WBTP-500-001	500 ml	73,5	170	1	38
WBTP-750-001	750 ml	83	195	1	45
WBTP-1K0-001	1000 ml	91,5	210	1	50

WIDE NECK WASH BOTTLE

Made of LDPE (low density polyethylene). Screw cap available in different colours to identify the content

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	screw	type	pcs/pack	price/pack kr
WBGP-250-001	250 ml	60	38	GL 45	neutral cap	1	40
WBGP-253-001	250 ml	60	38	GL 45	yellow cap	1	40
WBGP-254-001	250 ml	60	38	GL 45	blue cap	1	40
WBGP-255-001	250 ml	60	38	GL 45	red cap	1	41
WBGP-500-001	500 ml	75	38	GL 45	neutral cap	1	50
WBGP-503-001	500 ml	75	38	GL 45	yellow cap	1	49
WBGP-504-001	500 ml	75	38	GL 45	blue cap	1	49
WBGP-505-001	500 ml	75	38	GL 45	red cap	1	46

DRUM WITH FAUCET

Made of HDPE (high density polyethylene). Screw cap and faucet included. BIGP-21K-001 is delivered with the hole for the key open

reference	capacity	h (mm)	l (mm)	w (mm)	$Ø_{mouth}$ (mm)	pcs/pack	price/pack kr
BIGP-10K-001	10 L	380	300	150	46	1	202
BIGP-21K-001	20 L	460	330	175	46	1	435

CARBOY VENTING CAP

In PP, with TPE gasket and port caps. For silicone tubing with 13 mm of internal diameter and 6 mm inner diameter silicone tubing

reference	screw	type	pcs/pack	price/pack kr
CAVC-013-001	83B	for 13 mm Øint tubing	1	655
CAVC-006-001	83B	for 6 mm Øint tubing	1	629

CARBOY WITH HANDLES

Made of LDPE (low density polyethylene) with high-quality laboratory-grade resin materials USP Class VI. Includes: Polypropylene (PP) screw cap. Leak-proof. Graduation in litres and gallons

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	screw	h (mm)	pcs/pack	price/pack kr
BCAS-010-001	10 L	249	65	83B	376	1	645
BCAS-020-001	20 L	285	65	83B	518	1	932

AUTOCLAVABLE CARBOY WITH HANDLES

Made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap. Leak-proof. Graduation in litres and gallons

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	screw	h (mm)	pcs/pack	price/pack kr
BCAP-010-001	10 L	249	65	83B	376	1	679
BCAP-020-001	20 L	285	65	83B	518	1	980

CARBOY WITH HANDLES, AMBER

astiK's

Made of amber high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Ideal for storage and shipping of liquids. Suitable for freezer storage at -100 °C. Reduce UV light transmission to help protect light sensitive samples. Graduation in litres and gallons

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	screw	h (mm)	pcs/pack	price/pack kr
BCAH-010-001	10 L	249	65	83B	376	1	882
BCAH-020-001	20 L	285	65	83B	518	1	1274

HEAVY DUTY CARBOY WITH HANDLES

astiK's

Robust and resistant built with thick walls, made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap. Atoclavable and Leak-proof. Can be used as a vacuum trap. Graduation in litres and gallons

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	screw	h (mm)	pcs/pack	price/pack kr
BCHD-010-001	10 L	249	65	83B	376	1	1190
BCHD-020-001	20 L	285	65	83B	518	1	1720

RECTANGULAR CARBOY WITH FAUCET

astiK's

Made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap and faucet. Autoclavable and leak-proof. With a stainless steel handle and wide mouth for easy filling. Graduation in litres and gallons

reference	capacity	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack kr
BCGA-005-001	5 L	229	144	330	1	667
BCGA-010-001	10 L	284	176	389	1	946
BCGA-020-001	20 L	340	209	486	1	1322

WIDE MOUTH CARBOY WITH HANDLES

astiK's

Made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap. Autoclavable and leak-proof. Graduation in litres and gallons

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	h (mm)	pcs/pack	price/pack kr
BCWM-010-001	10 L	249	85,6	331	1	681
BCWM-020-001	20 L	285	85,6	472	1	978

CYLINDRICAL DRUM WITH FAUCET

Made of HDPE (high density polyethylene). Screw cap and faucet included. Available in two models: with the key housing open or close

reference	capacity	Ø (mm)	$Ø_{mouth}$ (mm)	h (mm)	pcs/pack	price/pack kr
With the key hole open						
BCGP-H5K-001	5 L	167	51	355	1	214
BCGP-H10-001	10 L	212	51	430	1	261
BCGP-H25-001	25 L	275	80	580	1	613
With the key hole closed						
BCGP-05K-001	5 L	167	51	355	1	214
BCGP-10K-001	10 L	212	51	430	1	261
BCGP-25K-001	25 L	275	80	580	1	613
BCGP-50K-001	50 L	350	80	715	1	913
Accessories and spare parts						
BCGP-A01-001		faucet			1	52

STORAGE BOX

In transparent PP for easy recognition of contents. With lid. Fasteners at both sides that act as handles for easy handling and transport. Stackable and ideal for storage and tidiness

reference	capacity	dimensions (length x width x height)	pcs/pack	price/pack kr
STBO-294-001	5 L	294 x 200 x 145 mm	1	61
STBO-396-001	16 L	396 x 296 x 215 mm	1	116
STBO-422-001	25 L	422 x 256 x 350 mm	1	191

CASE WITH COMPARTMENTS

Transparent box with seven compartments, for the storage of small objects

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
VBOX-001-001	160 x 122 x 30 mm	1	35

NEW ISO REAGENT BOTTLES

We are expanding our family of LBG ISO bottles for reagents with the most commonly used capacities: 100 ml, 250 ml, 500 ml, and 1000 ml.

- Robust and durable
- Excellent chemical resistance
- Low thermal expansion
- GL 45 thread
- Compliant with ISO 4796

Complementing our large- format LBG ISO reagent bottles of 5000 ml, 10000 ml, and 20000 ml.

see p. 183

DISPOSABLE SAMPLING SCOOP

astiK's

In HIPS (High Impact Polystyrene), manufactured in a class 100000 cleanroom. Individually packed. Ideal for sampling and dispensing. With a sturdy, ergonomic handle to prevent hand contact with the sample. Conforms to FDA CFR 177.1640, EU Regulation 10/2011, EC Regulation 1935/2004 and BSE/TSE free

reference	capacity	type	pcs/pack	price/pack kr
DPSS-060-010	60 ml	non sterile	10	232
DPSS-E60-010	60 ml	sterile	10	293
"Saving package"				
DPSS-060-100	60 ml	non sterile	100	2192
DPSS-E60-100	60 ml	sterile	100	2771

SCOOP FOR SOLIDS

astiK's

Made of HDPE

reference	capacity	l_{total} (mm)	$l_{useable}$ (mm)	pcs/pack	price/pack kr
SCOP-090-001	90 ml	180	125	1	34
SCOP-250-001	250 ml	240	155	1	38
SCOP-600-001	600 ml	300	195	1	43
SCOP-1K1-001	1100 ml	360	240	1	62

FLAT BOTTOM MEASURING SCOOP FOR SOLIDS

astiK's

Made of polypropylene (PP)

reference	capacity	length (mm)	pcs/pack	price/pack kr
SCPP-010-012	10 ml	100	12	71
SCPP-025-012	25 ml	135	12	79
SCPP-050-012	50 ml	160	12	114
SCPP-100-012	100 ml	200	12	142
SCPP-250-001	250 ml	260	1	65
SCPP-500-001	500 ml	315	1	85
SCPP-1K0-001	1000 ml	385	1	107

STAINLESS STEEL SCOOP FOR SOLIDS

clink

Made in SS 18/10. Hygienic, crevice free construction and fully welded to the handle. Excellent resistance to corrosion and rounded corners for easy cleaning

reference	capacity	pcs/pack	price/pack kr
SCOS-060-001	60 ml	1	562
SCOS-110-001	110 ml	1	663
SCOS-260-001	260 ml	1	857
SCOS-470-001	470 ml	1	974
SCOS-860-001	860 ml	1	1252

DISPOSABLE SAMPLING FUNNEL

In virgin HDPE (High Density Polyethylene), manufactured in Class 100000 cleanroom. Individually packed. Ideal for use in laboratories or manufacturing areas. With small lugs on the rim to hold them while in use. Conforms to FDA CFR 177.1520, EU Regulations 10/2011, EC 1935/2004 and BSE/TSE free

reference	capacity	type	pcs/pack	price/pack kr
DSHF-050-100	50 ml	non sterile	100	2598
DSHF-S50-100	50 ml	sterile	100	3533
DSHF-100-050	100 ml	non sterile	50	1282
DSHF-10S-050	100 ml	sterile	50	2944
DSHF-200-010	200 ml	non sterile	10	831
DSHF-20S-010	200 ml	sterile	10	2358

DOUBLE BAG FOR SAMPLE TRANSPORT

Made of polyethylene with biohazard logo and 2 pouches (one for sample with ziplock and one for documents)

reference	dimensions (sample pouch)	dimensions (documents pouch)	pcs/pack	price/pack kr
BZBP-160-100	160 x 200 mm	160 x 230 mm	100	157

ZIP LOCK BAG WITH WRITE ON PANELS

Made of low density polyethylene (LDPE), 50 µm thick

reference	w (mm)	l (mm)	pcs/pack	price/pack kr
BZWP-060-100	60	80	100	29
BZWP-070-100	70	110	100	35
BZWP-100-100	100	150	100	50
BZWP-120-100	120	180	100	77
BZWP-150-100	150	220	100	111
BZWP-180-100	180	250	100	146
BZWP-200-100	200	300	100	183
1000 units "Saving package"				
BZWP-060-1K0	60	80	10 x 100	112
BZWP-070-1K0	70	110	10 x 100	158
BZWP-100-1K0	100	150	10 x 100	284
BZWP-120-1K0	120	180	10 x 100	365
BZWP-150-1K0	150	220	10 x 100	544
BZWP-180-1K0	180	250	10 x 100	729
BZWP-200-1K0	200	300	10 x 100	948

ZIP LOCK PLAIN BAG

astiK's

Made of low density polyethylene (LDPE), 50 µm thick

reference	w (mm)	l (mm)	pcs/pack	price/pack kr
BZIP-055-100	55	55	100	20
BZIP-060-100	60	80	100	24
BZIP-070-100	70	100	100	29
BZIP-080-100	80	120	100	36
BZIP-100-100	100	150	100	42
BZIP-120-100	120	180	100	64
BZIP-150-100	150	200	100	99
BZIP-180-100	180	250	100	92
BZIP-200-100	200	300	100	133
BZIP-250-100	250	330	100	175
BZIP-300-100	300	400	100	293
1000 units "Saving package"				
BZIP-055-1K0	55	55	10 x 100	72
BZIP-060-1K0	60	80	10 x 100	96
BZIP-070-1K0	70	100	10 x 100	125
BZIP-080-1K0	80	120	10 x 100	159
BZIP-100-1K0	100	150	10 x 100	241
BZIP-120-1K0	120	180	10 x 100	314
BZIP-150-1K0	150	200	10 x 100	482
BZIP-180-1K0	180	250	10 x 100	608
BZIP-200-1K0	200	300	10 x 100	802
BZIP-250-1K0	250	330	10 x 100	1088
BZIP-300-1K0	300	400	10 x 100	1546

STERILE SAMPLING BAGS

astiK's

Easy-to-close bags with puncture-proof tabs for protection from possible damage due to wire-end punctures. Ideal for all types of both liquid and solid samples. DNAse, RNAse and pyrogen free. Type A: printed, 2 round wires. Type B: printed, 1 round 1 flat wires. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	type	pcs/pack	price/pack kr
SFTB-P45-500	450 ml	114	229	0,063	A	500	2715
SFTB-P65-500	650 ml	140	229	0,076	A	500	3482
SFTB-P1K-250	1650 ml	178	305	0,076	A	250	2354
SFTB-F2K-250	2250 ml	254	305	0,101	B	250	2962
SFTB-F4K-250	4000 ml	254	382	0,101	B	250	3312
"Saving package"							
SFTB-P45-1K0	450 ml	114	229	0,063	A	2 x 500	4966
SFTB-P65-1K0	650 ml	140	229	0,076	A	2 x 500	6041
SFTB-P1K-1K0	1650 ml	178	305	0,076	A	4 x 250	8167
SFTB-F2K-1K0	2250 ml	254	305	0,101	B	4 x 250	12270
SFTB-F4K-1K0	4000 ml	254	382	0,101	B	4 x 250	13720

astiK's

STERILE SAMPLING BAGS LARGE FORMAT

Easy-to-close bags with puncture-proof tabs for protection from possible damage due to wire-end punctures. Ideal for all types of both liquid and solid samples over 1 kg. DNAse, RNAse and pyrogen free. Printed and closure with 2 flat wires. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
STLB-P5K-250	5500 ml	305	406	0,101	250	4989
STLB-P6K-250	6750 ml	305	457	0,101	250	5370
STLB-P8K-250	8000 ml	305	508	0,101	250	6867

astiK's

BLUE STERILE BAGS

Made with virgin polyethylene. Specific for the food industry. Blue colour makes them highly visible for recognition, but also used to segregate within the factory environment. Ideal for both liquid and solid samples. DNAse, RNAse and pyrogen free. Printed and closure with 2 round wires. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
STBB-450-500	450 ml	114	229	0,063	500	2892

astiK's

BLENDER BAGS WITH FILTER

Made of virgin and reinforced polyethylene. For microbiological and chemical analysis. Compatible with all lab blender homogenizers, withstands extensive blending without tears or perforations. DNAse, RNAse and pyrogen free.
Type A: with lateral filter, non-woven, pore < 250 µm. For fibrous samples such as meat, fish, fruit and vegetables.
Type B: with full-surface filter, non-woven, pore < 280 µm. For pasty samples, such as cheese, milk and flour.
Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	type	pcs/pack	price/pack kr
STBL-L40-050	400 ml	190	300	0,07	A	50	354
STBL-F40-050	400 ml	190	300	0,07	B	50	370
"Saving package"							
STBL-L40-500	400 ml	190	300	0,07	A	10 x 50	3034
STBL-F40-500	400 ml	190	300	0,07	B	10 x 50	3168

clink

SAMPLING SPOON-SPATULA *PREMIUM LINE*

In 304 stainless steel, autoclavable. Specially shaped to facilitate the reaching of samples on difficult corners

reference	l (mm)	$w_{spatula}$ (mm)	pcs/pack	price/pack kr
SSSP-150-001	150	12	1	61
SSSP-210-001	210	12,8	1	85
SSSP-300-001	300	24,1	1	157

SAMPLING PHARMA SCOOP *PREMIUM LINE*

clink

In 316L stainless steel with an excelent corrosion resistance and autoclavable. Ideal for sampling and dispensing granules and powder. With a polished mirror finish and crevice free, easy to clean

reference	capacity	long	Ø	pcs/pack	price/pack kr
SCPH-100-001	100 ml	100 mm	50 mm	1	831
SCPH-500-001	500 ml	140 mm	95 mm	1	1084
SCPH-1K0-001	1000 ml	235 mm	110 mm	1	1446

LONG HANDLE PHARMASCOOP *PREMIUM LINE*

clink

In 316L stainless steel with an excelent corrosion resistance and autoclavable. Ideal for sampling and dispensing granules and powder. With a polished mirror finish and crevice free, easy to clean. With a long handle of 600 mm to reach deep or far samples

reference	capacity	long	Ø	pcs/pack	price/pack kr
SCPL-1K0-001	1000 ml	835 mm	110 mm	1	1699

PTFE BEAKER DIPPER

astiK's

Extendible screw-in shafts with a steel core for rigidity. Fully encapsulated in PTFE. Screw-in shaft lenghts are available separately to extend the original one. The basic unit consists of a beaker-like container with a single stem. All shafts are 600 mm long

reference	Ø (mm)	capacity	pcs/pack	price/pack kr
DIPB-100-001	54	100 ml	1	1782
DIPB-250-001	66	250 ml	1	2169
DIPB-500-001	80	500 ml	1	2498
DIPB-1K0-001	100	1000 ml	1	2848
Accesories				
DIPB-S01-001		stem only, 600 mm	1	1193

PTFE LADLE

astiK's

For sampling, with fixed handle and pouring spouts on both sides

reference	capacity	long	pcs/pack	price/pack kr
LADL-010-001	10 ml	150 mm	1	609

SAMPLE TRANSPORT TUBE WITH SKIRT

astiK's

Made of PP with white HDPE screw cap (included). With conical bottom and skirt, moulded graduations each 0,5 ml and frosted writing surface

reference	capacity	$Ø_{tube}$ (mm)	$Ø_{cap}$ (mm)	h (mm)	pcs/pack	price/pack kr
SVSP-005-100	5 ml	16	20	60	100	131
SVSP-010-100	10 ml	16	20	96	100	173

SAMPLE TRANSPORT TUBE WITH SKIRT *PREMIUM LINE*

Made of PP with white HDPE screw cap (included), suitable to use with swabs. With conical bottom and skirt, moulded graduations each 0,5 ml and frosted writing surface. Designed for preparing, transporting and storing biological material such as blood, urine and faecal matter. Leak-proof tested to comply with BS EN14254 and BS5213. Shatter-proof and resistant to freezing temperatures down to -20 °C. Withstands centrifugation up to 6000 xg

reference	nominal capacity	Ø tube (mm)	Ø cap (mm)	h (mm)	pcs/pack	price/pack kr
SVSP-P05-100	5 ml	16	20	56,5	100	150
SVSP-P10-100	10 ml	16	20	85	100	188

CLEAR GLASS SAMPLE VIAL

With white screw cap and EPE joint (included)

reference	nominal capacity	overflow capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
SVSN-C04-306	3,5 ± 0,5 ml	3,85 ± 0,5 ml	16	35	306	585
SVSN-C06-306	5 ± 0,5 ml	5,5 ± 0,5 ml	16	45	306	585
SVSN-C10-195	8 ± 0,5 ml	9,5 ± 0,5 ml	22	45	195	459
SVSN-C13-195	11 ± 1,0 ml	12,5 ± 1,0 ml	24	45	195	497
SVSN-C19-195	16 ± 1,0 ml	17,5 ± 1,0 ml	24	60	195	576
SVSN-C26-121	22 ± 0,5 ml	24,5 ± 0,5 ml	30	55	121	731
"Saving package"						
SVSN-C04-1K2	3,5 ± 0,5 ml	3,85 ± 0,5 ml	16	35	4 x 306	1748
SVSN-C06-1K2	5 ± 0,5 ml	5,5 ± 0,5 ml	16	45	4 x 306	1748
SVSN-C10-780	8 ± 0,5 ml	9,5 ± 0,5 ml	22	45	4 x 195	1371
SVSN-C13-780	11 ± 1,0 ml	12,5 ± 1,0 ml	24	45	4 x 195	1486
SVSN-C19-780	16 ± 1,0 ml	17,5 ± 1,0 ml	24	60	4 x 195	1720
SVSN-C26-484	22 ± 0,5 ml	24,5 ± 0,5 ml	30	55	4 x 121	2183

SCREW CAP FOR SAMPLE VIALS

Replacement screw cap and EPE joint for Labbox vials SVSN

reference	type	pcs/pack	price/pack kr
SC04-W13-025	white screw cap Ø13 mm for SVSN-C04 and -C06	25	27
SC04-W20-025	white screw cap Ø20 mm for SVSN-C10, -C13 and -C19	25	39
SC04-W22-025	white screw cap Ø22 mm for SVSN-C26	25	43

STAINLESS STEEL VIAL RACK

For sample vials SVSN

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
TTSS-S48-001	30	160	122	for 8 x 6 vials (< Ø16 mm)	1	478
TTSS-T48-001	30	209	160	for 8 x 6 vials (< Ø22 mm)	1	528
TTSS-U48-001	35	232	176	for 8 x 6 vials (< Ø25 mm)	1	567
TTSS-V48-001	40	272	205	for 8 x 6 vials (< Ø30 mm)	1	576

SPECIMEN CONTAINER, SCREW CAP, POLYPROPYLENE

astiK's

Autoclavable, with raised graduations and leak-proof closure. 25 ml container graduation: each 5 ml up to 20 ml, 50 ml container graduation: each 10 ml up to 40 ml, 80 ml container graduation: each 10 ml up to 60 ml, 150 ml container graduation: each 10 ml up to 120 ml. Lid available in three colours

reference	overflow capacity	$Ø_{base}$ (mm)	$Ø_{lid}$ (mm)	h_{total} (mm)	lid colour	pcs/pack	price/pack kr
SCNP-030-1K0	25 ml	31	37	44	orange	1000	2048
SCNP-W30-1K0	25 ml	31	37	44	white	1000	1950
SCNP-G30-1K0	25 ml	31	37	44	green	1000	1950
SCNP-050-600	50 ml	34	40	70	orange	600	1505
SCNP-W50-600	50 ml	34	40	70	white	600	1434
SCNP-G50-600	50 ml	34	40	70	green	600	1434
SCNP-080-500	80 ml	40	48	64	orange	500	1426
SCNP-W80-500	80 ml	40	48	64	white	500	1358
SCNP-G80-500	80 ml	40	48	64	green	500	1358
SCNP-150-300	150 ml	52	58	80	white	300	1321

SPECIMEN CONTAINER RACK

clink

Made of stainless steel

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
SRSS-A12-001	45	276	97	for 2 x 6 vials (< Ø 40 mm)	1	393
SRSS-A32-001	45	368	187	for 4 x 8 vials (< Ø 40 mm)	1	565
SRSS-B12-001	45	224	171	for 3 x 4 vials (< Ø 50 mm)	1	434
SRSS-B24-001	45	335	228	for 4 x 6 vials (< Ø 50 mm)	1	565

STERILE SPECIMEN CONTAINER, POLYPROPYLENE

astiK's

Autoclavable with raised graduation and leak-proof snap closure. Sterilized by ethylene oxide (ETO). Free sterilization certificate available on the website

reference	capacity	h_{total} (mm)	$Ø_{base}$ (mm)	graduation (ml)	pcs/pack	price/pack kr
SCSP-025-200	25 ml	32,25	38	5	200	475
SCSP-050-100	50 ml	66,70	37	25	100	351

SAMPLE TRANSPORT TUBE WITH FALSE BOTTOM

astiK's

Made of PP. Optimized for most of high volume analyzers, with a false bottom that allows encoding. Ideal for transporting and collecting samples, for primary and secondary sampling

reference	normal capacity	Øtube (mm)	h (mm)	pcs/pack	price/pack kr
SVFB-005-500	5 ml	16	97	500	643

astiK's

FALSE BOTTOM VIAL CAP

Plug cap in PE. For sample vials with false bottom with reference SVFB

reference	type	pcs/pack	price/pack kr
SVCP-00B-1K0	for Ø 16 mm vial, blue	1000	246

astiK's

SCREW FALSE BOTTOM VIAL CAP

Screw cap in PE. For sample vials with false bottom with reference SVFB

reference	type	pcs/pack	price/pack kr
SVCS-00W-1K0	sfor Ø 16 mm vial, white	1000	336

astiK's

NEW

121°

POLYPROPYLENE SAMPLING VIAL

Made of transparent PP. Hinged lid for easy one-handed operation. Graduated and ideal for milk and food sampling. Available in two versions: with and without seal

reference	capacity	Ø (mm)	h_{total} (mm)	pcs/pack	price/pack kr
SVPP-030-200	30 ml	28,5	76,5	200	437
SVPP-045-200	45 ml	23	84	200	491
"Saving package"					
SVPP-030-600	30 ml	28,5	76,5	600	1160
SVPP-045-600	45 ml	23	84	600	1297

clink

NEW

121°

SACK SAMPLER

Manufactured in 316L, high corrosion resistance. Crack-free for easy cleaning and to prevent cross-contamination. Sharp lance for easy puncturing of the bag. It is recommended to combine with sampling bags for the collection and transport of samples

reference	l (mm)	$Ø_{inside}$ (mm)	$Ø_{outer}$ (mm)	pcs/pack	price/pack kr
SASS-400-001	400	22,3	25,4	1	1160

AUTOCLAVABLE METALS

Our range of Clink metalware features different manufacturing materials that impart various qualities to our products. The different alloys allow the products to exhibit varying degrees of corrosion resistance, depending on the intended function.

410 - Mostly composed of chromium (Cr) and carbon (C). Medium corrosion resistance. May experience surface corrosion in aggressive environments.
304 - Primarily composed of chromium (Cr), nickel (Ni), and carbon (C). Medium to high corrosion resistance. Not suitable for highly corrosive environments or exposure to strong acids or aggressive chemical cleaners.
316 - Mainly composed of chromium (Cr), nickel (Ni), and molybdenum (Mo). High corrosion resistance. Suitable for corrosive environments with the presence of chlorides, offering better resistance than 304 in such environments and against certain cleaning agents.
316L - Has the same composition as 316. Excellent corrosion resistance due to molybdenum in its composition and its low carbon content, which reduces metal contamination and the likelihood of cracking.

EXTRACTION AND DISPERSIVE KITS FOR QuEChERS METHOD ACCORDING TO EN 15662

BRANCHIA

Extraction and dispersive kits for QuEChERS method (Quick, Easy, Cheap, Effective, Rugged and Safe) for sample preparation for analysis of multi-residual pesticides in fruits, vegetables and other foods.
The extraction kit (QECH-E10-050) includes 50 extraction pouches (4 g $MgSO_4$ + 1 g NaCl + 1 g tri-sodium citrate + 0.5 g Citrate di-sodium sesquihydrate) and 50 centrifuge tubes Premium Line of 50 ml.
Equivalent: Agilent 5982-5650
The dispersive kit for general fruits and vegetables (QECH-D22-050) includes 50 dispersive pouches (150 mg PSA + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml. Equivalent: Agilent 5982-5056
The dispersive kit for fruits and vegetables with fats and waxes (QECH-D32-050) includes 50 dispersive pouches (150 mg PSA + 150 mg C18 + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml.
Equivalent: Agilent 5982-5156
The dispersive kit for pigmented fruits and vegetables (QECH-D20-050) includes 50 dispersive pouches (150 mg PSA + 15 mg GCB + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml.
Equivalent: Agilent 5982-5256
The dispersive kit for highly pigmented fruits and vegetables (QECH-D24-050) includes 50 dispersive pouches (150 mg PSA + 45 mg GCB + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml.
Equivalent: Agilent 5982-5356

reference	description	pcs/pack	price/pack kr
QECH-E10-050	extraction kit	50	882
QECH-D22-050	dispersive kit for general fruits and vegetables	50	783
QECH-D32-050	dispersive kit for fruits and vegetables with fats and waxes	50	1029
QECH-D20-050	dispersive kit for pigmented fruits and vegetables	50	997
QECH-D24-050	dispersive kit for highly pigmented fruits and vegetables	50	1303
QECH-H15-025	ceramic homogenizer for 15 ml tubes	25	118

SPE – SOLID PHASE EXTRACTION CARTRIDGES

BRANCHIA

4 types of traditional SPE absorbents for most commonly used applications in column of 3 or 6 ml and luer connection
C18: End-capped silica-based octadecyl. Suitable for non-polar compounds. Surface area 300 m^2/g, particle size 40-60 µm, pore size 120 Å
SILICA: Silica unbounded silica gel. Suitable for polar compounds. Surface area 480 m^2/g, particle size 40-75 µm, pore size 70 Å
FLORISIL: Florisil pesticide grade. Suitable for halogenated and polar compounds such as multiresidual pesticides. Particle size 150-250 µm
NH2: Silica-based aminopropyl. Suitable for moderately polar and acidic compounds. Surface area 200 m^2/g, particle size 40-75 µm, pore size 100 Å

reference	phase	quantity (mg)	volume (ml)	pcs/pack	price/pack kr
SPHE-C35-050	C18	500	3	50	1530
SPHE-C65-030	C18	500	6	30	974
SPHE-S35-050	SILICA	500	3	50	1512
SPHE-S61-030	SILICA	1000	6	30	1167
SPHE-F35-050	FLORISIL	500	3	50	1112
SPHE-F61-030	FLORISIL	1000	6	30	841
SPHE-N35-050	NH2	500	3	50	1534
SPHE-N65-030	NH2	500	6	30	1167

BRANCHIA

VACUUM MANIFOLD FOR SOLID PHASE EXTRACTION SPE

Compatible with SPHE and standard luer-end SPE cartridges. Made of transparent glass, high resistance to corrosion. Withstands more than 96 kPa (720 mm Hg) vacuum pressure with no deformation, long-term use. Individual valves allow vacuum control for each cartridge improving reproducibility. Joint highly resistant to corrosion and PTFE internal tube rack. Includes gauge, lid, collection rack, solvent guide needles and silicone tube. Warranty 2 years

reference	type	pcs/pack	price/pack kr
MNFL-S12-001	12 positions, square	1	11983

BRANCHIA

HYDROPHILIC NYLON SYRINGE FILTERS, NONSTERILE

Membrane made of hydrophilic Nylon 66. Suitable for sample preparation in HPLC applications, ideal for routine analysis. Housing: Polypropylene (PP), blue colour. Designed with connectors: FLL/MSL

reference	$Ø_{outer}$ (mm)	pore (µm)	pcs/pack	price/pack kr
SFNY-122-100	13	0,22	100	503
SFNY-145-100	13	0,45	100	503
SFNY-222-100	25	0,22	100	709
SFNY-245-100	25	0,45	100	709
"Saving package"				
SFNY-122-1K0	13	0,22	10 x 100	4023
SFNY-145-1K0	13	0,45	10 x 100	4023
SFNY-222-1K0	25	0,22	10 x 100	5669
SFNY-245-1K0	25	0,45	10 x 100	5669

BRANCHIA

HYDROPHOBIC PTFE SYRINGE FILTERS, NONSTERILE

Suitable for sample preparation in HPLC application. Membrane made of hydrophobic Polytetrafluoroethylene (PTFE), resistant to almost all aggressive organic solvents, acids and bases. High thermal resistance. Housing: Polypropylene (PP), fuchsia colour. Designed with connectors: FLL/MSL

reference	$Ø_{outer}$ (mm)	pore (µm)	pcs/pack	price/pack kr
SFPT-122-100	13	0,22	100	814
SFPT-145-100	13	0,45	100	814
SFPT-222-100	25	0,22	100	997
SFPT-245-100	25	0,45	100	997
“Saving package”				
SFPT-122-1K0	13	0,22	10 x 100	6104
SFPT-145-1K0	13	0,45	10 x 100	6104
SFPT-222-1K0	25	0,22	10 x 100	7475
SFPT-245-1K0	25	0,45	10 x 100	7475

HYDROPHILIC PVDF SYRINGE FILTERS, NONSTERILE

BRANCHIA

Hydrophilic. Suitable for sample preparation in HPLC application and ideal in sterilization and clarification of biological solutions. Membrane made of hydrophilic Polyvinylidene fluoride (PVDF), low protein binding membrane for filtration of non aggressive aqueous solutions and slightly organic solutions. Housing: Polypropylene (PP), yellow colour. Designed with connectors: FLL/MSL

reference	Ø outer (mm)	pore (µm)	pcs/pack	price/pack kr
SFPV-122-100	13	0,22	100	846
SFPV-145-100	13	0,45	100	846
SFPV-222-100	25	0,22	100	1029
SFPV-245-100	25	0,45	100	1029
“Saving package”				
SFPV-122-1K0	13	0,22	10 x 100	6344
SFPV-145-1K0	13	0,45	10 x 100	6344
SFPV-222-1K0	25	0,22	10 x 100	7715
SFPV-245-1K0	25	0,45	10 x 100	7715

HYDROPHILIC MCE SYRINGE FILTERS, NONSTERILE

BRANCHIA

Suitable for clarification or sterilization of most typical aqueous samples. It is ideal for biological samples or culture media filtration. Membrane made of hydrophilic M.E. Cellulose (MCE), very uniform porosity and high protein retention. Housing: Polypropylene (PP), green colour. Designed with connectors: FLL/MSL

reference	Ø outer (mm)	pore (µm)	pcs/pack	price/pack kr
SFMC-122-100	13	0,22	100	503
SFMC-145-100	13	0,45	100	503
SFMC-222-100	25	0,22	100	709
SFMC-245-100	25	0,45	100	709
“Saving package”				
SFMC-122-1K0	13	0,22	10 x 100	3772
SFMC-145-1K0	13	0,45	10 x 100	3772
SFMC-222-1K0	25	0,22	10 x 100	5315
SFMC-245-1K0	25	0,45	10 x 100	5315

The Luer Lock ensures a tight seal, being crucial in medical and laboratory environments for the precise administration of liquids. To connect it to the filter, the tip with the Luer Lock thread is positioned at the top connection of the filter and twisted clockwise, achieving a secure coupling and preventing possible leaks.

BRANCHIA

HYDROPHILIC CA SYRINGE FILTERS

Ideal for aqueous based samples and suitable for all those applications in which the maximum recovery of proteins is required. Membrane made of Cellulose Acetate (CA) inherently hydrophilic. Low protein retention. High mechanical strength. Housing: Polypropylene (PP), fuchsia colour. Designed with connectors: FLL/MSL. Sterile reference is individually packed and sterilized by Gamma irradiation. Free sterilization certificate available on the website

reference	Ø outer (mm)	pore (µm)	type	pcs/pack	price/pack kr
SFCA-122-100	13	0,22	non sterile	100	587
SFCA-145-100	13	0,45	non sterile	100	587
SFCA-222-100	25	0,22	non sterile	100	735
SFCA-245-100	25	0,45	non sterile	100	735
SFCA-12E-100	13	0,22	sterile	100	780
SFCA-14E-100	13	0,45	sterile	100	780
SFCA-22E-050	25	0,22	sterile	50	483
SFCA-24E-050	25	0,45	sterile	50	483
“Saving package”					
SFCA-122-1K0	13	0,22	non sterile	10 x 100	4401
SFCA-145-1K0	13	0,45	non sterile	10 x 100	4401
SFCA-222-1K0	25	0,22	non sterile	10 x 100	5514
SFCA-245-1K0	25	0,45	non sterile	10 x 100	5514

BRANCHIA

HYDROPHILIC PES SYRINGE FILTERS

Very suitable for culture media assays. Membrane made of Polyethersulfone (PES), inherently hydrophilic. Fast filtration speed. Membrane mechanically very strong and resistant to an extensive range of aqueous solvents. Low protein retention. Housing: Polypropylene (PP), light green. Designed with connectors: FLL/MSL. Sterile reference is individually packed and sterilized by Gamma irradiation. Free sterilization certificate available on the website

reference	Ø outer (mm)	pore (µm)	type	pcs/pack	price/pack kr
SFPE-122-100	13	0,22	non sterile	100	587
SFPE-145-100	13	0,45	non sterile	100	587
SFPE-222-100	25	0,22	non sterile	100	735
SFPE-245-100	25	0,45	non sterile	100	735
SFPE-12E-100	13	0,22	sterile	100	780
SFPE-14E-100	13	0,45	sterile	100	780
SFPE-22E-050	25	0,22	sterile	50	483
SFPE-24E-050	25	0,45	sterile	50	483
“Saving package”					
SFPE-122-1K0	13	0,22	non sterile	10 x 100	4401
SFPE-145-1K0	13	0,45	non sterile	10 x 100	4401
SFPE-222-1K0	25	0,22	non sterile	10 x 100	5514
SFPE-245-1K0	25	0,45	non sterile	10 x 100	5514

HAND CRIMPER AND DECAPPER

To crimp and to de-crimp vials with aluminum caps

reference	type	pcs/pack	price/pack kr
Crimpers (A)			
VCRI-C11-001	for Ø 11 mm caps	1	2880
VCRI-C20-001	for Ø 20 mm caps	1	2880
Decappers (B)			
VCRI-D11-001	for Ø 11 mm caps	1	3071
VCRI-D20-001	for Ø 20 mm caps	1	2992
Plier type decappers (C)			
VCRI-P11-001	for Ø 11 mm caps	1	1772
VCRI-P20-001	for Ø 20 mm caps	1	1772

CRIMP VIAL FOR CHROMATOGRAPHY, 12 X 32 mm, 2 ml

METRIA

Borosilicate glass Kimble 5.1. Wide mouth (internal diameter 6,2 mm) for an optimal injection. Use aluminum crimp caps 11 mm

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
CV01-C20-100	11,6	32	clear	100	96
CV01-A20-100	11,6	32	amber	100	109
CVP1-C02-100	11,6	32	clear with write-on patch	100	123
“Saving package”					
CV01-C20-1K0	11,6	32	clear	10 x 100	819
CV01-A20-1K0	11,6	32	amber	10 x 100	956
CVP1-C02-1K0	11,6	32	clear with write-on patch	10 x 100	1092

ALUMINUM CRIMP CAP WITH SEPTA SILICON/PTFE

METRIA

For vials with beaded rim and cap size 11 mm

reference	type	pcs/pack	price/pack kr
CC01-S02-100	red silicone/PTFE septa	100	137
“Saving package”			
CC01-S02-1K0	red silicone/PTFE septa	10 x 100	1229

SAVING PACKAGE: KIT OF 1000 CRIMP VIALS AND 1000 CRIMP CAPS WITH SEPTUM

METRIA

We supply 10 cartons of 100 crimp vials and 10 bags of 100 crimp caps with septum silicon/PTFE

reference	description	pcs/pack	price/pack kr
CVCC-C2S-1K0	1000 vials CV01-C20 + 1000 crimp caps CC01-S02	1000	1911
CVCC-A2S-1K0	1000 vials CV01-A20 + 1000 crimp caps CC01-S02	1000	2048
CVPC-CS2-1K0	1000 vials CVP1-C02 + 1000 crimp caps CC01-S02	1000	2184

METRIA

SCREW VIAL FOR CHROMATOGRAPHY, 12 X 32 mm, 2 ml, SCREW CAP

Borosilicate glass Kimble 5.1. Wide mouth (internal diameter 6,2 mm) for an optimal injection. Use screw caps 9 - 425

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
SV02-C20-100	11,6	32	clear	100	96
SV02-A20-100	11,6	32	amber	100	109
SVP2-C02-100	11,6	32	clear with write-on patch	100	123
SVP2-A02-100	11,6	32	amber with write-on patch	100	137
“Saving package”					
SV02-C20-1K0	11,6	32	clear	10 x 100	819
SV02-A20-1K0	11,6	32	amber	10 x 100	956
SVP2-C02-1K0	11,6	32	clear with write-on patch	10 x 100	1092
SVP2-A02-1K0	11,6	32	amber with write-on patch	10 x 100	1229

METRIA NEW USP Type I

CHROMATOGRAPHY VIAL, 12 X 32 mm, WITH INSERTS

USP Type I borosilicate glass. Integrated inserts. Available with various cap mouth options: 9 - 425 thread, Snap Top, and crimpable

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
SV02-C02-100	11,6	32	0,2 ml, screw cap 9 - 425, clear	100	781
CV01-C02-100	11,6	32	0,2 ml, snap-top, clear	100	781
STV2-C02-100	11,6	32	0,2 ml, crimpable, clear	100	781

METRIA NEW

SCREW VIAL FOR CHROMATOGRAPHY IN PP, 12 X 32 mm, 2 ml, SCREW CAP

Wide mouth (internal diameter 6,2 mm) for an optimal injection. Use screw caps 9 - 425

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
SV02-P20-100	11,6	32	clear	100	205
SV02-P2A-100	11,6	32	amber	100	205

METRIA NEW

CHROMATOGRAPHY VIAL IN PP, 12 X 32 mm, WITH INSERTS

Integrated inserts. Various types available: 9 - 425 thread or snap-top with volumes of 0,3 ml and 0,7 ml

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
SV02-P03-100	11,6	32	0,3 ml, screw cap 9 - 425, clear	100	176
SV02-PA3-100	11,6	32	0,3 ml, screw cap 9 - 425, amber	100	176
STV2-P03-100	11,6	32	0,3 ml, snap-top, clear	100	176
STV2-P07-100	11,6	32	0,7 ml, snap-top, clear	100	233
SV02-P07-100	11,6	32	0,7 ml, screw cap 9 - 425, clear	100	254

HIGH RECOVERY VIAL FOR CROMATOGRAPHY

METRIA

1,5 ml high recovery vial with flat base and 9 - 425 screw thread. Made of borosilicate glass LBG 3.3. Suitable for very valuable samples, maximum retrieval of the sample guaranteed. Available in clear glass and amber glass

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
SH01-015-100	11,6	32,5	clear	100	394
SH01-A15-100	11,6	32,5	amber	100	472

SCREW CAP WITH SEPTA SILICON/PTFE

METRIA

NEW

Caps made of polypropylene suitable for screw caps 9 - 425. In “Pre-slit” reference, septa is prepierced for an optimal injection

reference	type	pcs/pack	price/pack kr
SC02-W02-100	blue, silicone/PTFE septa	100	164
SC02-R02-100	red, silicone/PTFE septa	100	177
SC02-G02-100	green, silicone/PTFE septa	100	177
SC02-P02-100	blue, pre-slit silicone/PTFE septa	100	191
“Saving package”			
SC02-W02-1K0	blue, silicone/PTFE septa	10 x 100	1433
SC02-R02-1K0	red, silicone/PTFE septa	10 x 100	1570
SC02-G02-1K0	green, silicone/PTFE septa	10 x 100	1570
SC02-P02-1K0	blue, pre-slit silicone/PTFE septa	10 x 100	1706

SAVING PACKAGE: KIT OF 1000 SCREW VIALS AND 1000 SCREW CAP WITH SEPTA

METRIA

We supply 10 cartons of 100 screw vials and 10 bags of 100 screw caps with septum silicon/PTFE

reference	description	pcs/pack	price/pack kr
With silicon/PTFE septa			
SVSC-C20-1K0	1000 vials SV02-C20 + 1000 caps SC02-W02	1000	2252
SVSC-A20-1K0	1000 vials SV02-A20 + 1000 caps SC02-W02	1000	2389
SVPC-C20-1K0	1000 vials SVP2-C02 + 1000 caps SC02-W02	1000	2525
SVPC-A20-1K0	1000 vials SVP2-A02 + 1000 caps SC02-W02	1000	2662
With silicon/PTFE "pre-slit" septa			
SVSC-C2P-1K0	1000 vials SV02-C20 + 1000 caps SC02-P02	1000	2525
SVSC-A2P-1K0	1000 vials SV02-A20 + 1000 caps SC02-P02	1000	2662
SVPC-CP2-1K0	1000 vials SVP2-C02 + 1000 caps SC02-P02	1000	2798
SVPC-AP2-1K0	1000 vials SVP2-A02 + 1000 caps SC02-P02	1000	2935

SCREW CAP FOR VIALS WITH ATTACHED SILICONE/PTFE SEPTA

METRIA

NEW

Polypropylene caps suitable for vials with 9 - 425 threads. Septa attached to the cap to prevent it from falling off when using blunt needles. In the "pre-slit" model, the septa is pre-perforated for optimal injection

reference	type	pcs/pack	price/pack kr
SC02-BN2-100	silicone/PTFE septa	100	226
SC02-BW2-100	pre-slit silicone/PTFE septa	100	267

METRIA

ULTRACLEAN VIALS FOR CROMATOGRAPHY KIT

Preassembled kit of 2 ml UltraClean vials + polypropylene screw caps (9 - 425). Special for contamination-free sampling and sensitive testing, it is widely used for GC-MS, LC-MS and MS-MS as well as being a good solution for avoiding ghost peaks in chromatography. In the “pre-slit” model, the septum is pre-pierced for optimal injection. Vials have a flat bottom, writing area. Available in clear glass and amber glass. Each kit has its own certificate

reference	type	pcs/pack	price/pack kr
SVC2-P02-100	clear, silicone/PTFE septa	100	392
SVC2-W02-100	clear, pre-slit silicone/PTFE septa	100	420
SVC2-PA2-100	amber, silicone/PTFE septa	100	472
SVC2-WA2-100	amber, pre-slit silicone/PTFE septa	100	501

METRIA

USP Type I

SNAP-TOP VIAL FOR CHROMATOGRAPHY, 2 ml

Borosilicate glass USP type I, wide mouth and flat base. Designed to be used with plastic snap top caps. These caps eliminate the need for crimping. They simply snap over the top of the vial, sealing the contents safe inside

reference	type	pcs/pack	price/pack kr
STV2-C20-100	clear	100	134
STV2-A20-100	amber	100	218
STP2-C20-100	clear with write-on patch	100	232
STP2-A20-100	amber with write-on patch	100	306

METRIA

SNAP CAP FOR *SNAP-TOP* VIALS WITH PTFE/SILICONE SEPTUM

Snap cap with red PTFE (11 mm)/White silicone (1 mm) (0,04”) septum

reference	type	pcs/pack	price/pack kr
STC2-P20-100	septa white silicone / red PTFE	100	191
STC2-W20-100	septa pre-slit white silicone / red PTFE	100	232

METRIA

INSERT FOR 2 ml CHROMATOGRAPHY VIALS

Clear glass, flat-base, conical base or conical base with polyspring. For use with 2 ml screw top vials

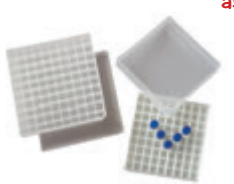
reference	Ø x h (mm)	capacity	type	pcs/pack	price/pack kr
SVI2-FBA-100	6 x 31	300 µl	flat base	100	151
SVI2-CBA-100	6 x 31	250 µl	conical base	100	232
SVI2-CBP-100	6 x 29	200 µl	conical base with Polyspring	100	297

astiK’s

121°

PP VIAL FREEZER BOX

Made of polypropylene. Suitable for freezing. Natural colour. Autoclavable



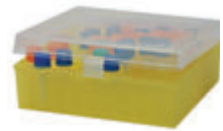
reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
FBXP-081-001	51	128	128	up to 81 vials 2 ml ($Ø_{max.}$ 12 mm)	1	89
FBXP-100-001	53	140	140	up to 100 vials 2 ml ($Ø_{max.}$ 12 mm)	1	98

PP VIAL FREEZER BOX WITH HINGED LID

astiK's

Made of polypropylene. Suitable for freezing (withstands temperatures from -130 °C up to +130 °C). Autoclavable

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
FBXP-K03-001	50	140	140	clear/yellow, for 100 vials ($Ø_{max.}$ 12 mm)	1	103
FBXP-K04-001	50	140	140	clear/blue, for 100 vials ($Ø_{max.}$ 12 mm)	1	103



STAINLESS STEEL VIAL RACK

clink

For chromatography vials 12 x 32 mm. Hole diameter ~14 mm

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
TTSS-R24-001	25	86	64	for 6 x 4 chromatography vials	1	330
TTSS-R50-001	25	150	80	for 10 x 5 chromatography vials	1	428

CHROMATOGRAPHY SCREW TOP VIALS, 4 ml, 15 X 45 mm

METRIA

USP Type I

Borosilicate glass USP type I. Wide mouth, flat base and 13-425 screw thread

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
SV04-C40-100	15	45	clear	100	174
SV04-A40-100	15	45	amber	100	369
SVP4-C40-100	15	45	clear with write-on patch	100	267
SVP4-A40-100	15	45	amber with write-on patch	100	458

OPEN TOP SCREW CAP WITH 13-425 THREAD, PTFE/SILICONE SEPTUM

METRIA

Black polypropylene (PP) cap, 13-425 thread, with 13 mm thick red PTFE/White silicone, 1,5 mm (0,06") thick septum. For use with 4 ml vial

reference	type	pcs/pack	price/pack kr
SC04-R40-100	septa white silicone / red PTFE	100	306

HEADSPACE CRIMP VIAL, 20 mm MOUTH

METRIA

USP Type I

Borosilicate clear glass USP type I, beveled edge

reference	Ø x h (mm)	vol. (ml)	type	pcs/pack	price/pack kr
CHVF-C10-100	22,5 x 46	10	flat bottom	100	264
CHVR-C10-100	22,5 x 46	10	flat-rounded bottom	100	264
CHVF-C20-100	22,5 x 75	20	flat bottom	100	301
CHVR-C20-100	22,5 x 75	20	flat-rounded bottom	100	301

ALUMINUM CRIMP CAP, Ø20 mm, WITH SEPTUM

METRIA

Open top with a 10mm hole and 3 mm (0,125") thick septum

reference	type	pcs/pack	price/pack kr
CHCA-S20-100	septa white silicon / natural PTFE	100	450
CHCA-B20-100	moulded septa butyl / natural PTFE	100	584

METRIA

SHELL VIAL, 1 ml

Flat base, clear glass with plug

reference	Ø x h (mm)	vol. (ml)	pcs/pack	price/pack kr
SHV1-C40-200	8 x 40	1	200	356

labkem

SILICA GEL FOR COLUMN CHROMATOGRAPHY

High purity silica gel with a structure of pores of the highest quality, its appearance is a white granulate of homogeneous size. It is used as a carrier material for chromatography, but also for the separation and purification of medicine compounds as well as in the refining of oleic, petroleum products and aromatic hydrocarbons

reference	particle size	pore	package	price/pack kr
SGEC-200-500	0,063 - 0,200 mm	60 Å	P 500 g	244
SGEC-060-500	0,040 - 0,063 mm	60 Å	P 500 g	244

METRIA

NEW

PP RACK FOR CROMATOGRAPHY VIALS

Chromatography vial rack. Capacity for 50 vials. Available in two sizes for 2 ml and 4 ml vials

reference	type	pcs/pack	price/pack kr
RCVL-002-001	blue, for 2 ml vials	1	163
RCVL-R02-001	green, for 2 ml vials	1	163
RCVL-N02-001	orange, for 2 ml vials	1	157
RCVL-004-001	blue, for 4 ml vials	1	400

GLASS CHROMATOGRAPHY COLUMNS

Top quality 3.3 borosilicate glass, chemical resistant, to be used with SGEC-200-500 or SGEC-060-500 in chromatographic applications. 2 types: (A) With PTFE needle valve stopcock: PTFE Rotaflo stopcock for fine control of eluent flow, sintered disc, socket for reservoirs and porosity 0. (B) With PTFE key stopcock: Sintered frit disc, PTFE stopcock (bore: 0-2,5mm), socket and porosity 0

reference	Ø x h (mm)	vol. (ml)	socket size (female)	type	pcs/pack	price/pack kr
GLAC-N02-001	10 x 200	15	14/23	A	1	341
GLAC-N03-001	10 x 300	20	14/23	A	1	341
GLAC-N05-001	20 x 200	60	19/26	A	1	387
GLAC-N07-001	20 x 400	120	19/26	A	1	405
GLAC-N11-001	30 x 400	270	29/32	A	1	443
GLAC-N12-001	30 x 500	340	29/32	A	1	458
GLAC-K01-001	10 x 100	8	14/23	B	1	539
GLAC-K02-001	10 x 200	15	14/23	B	1	539
GLAC-K03-001	15 x 200	35	14/23	B	1	545
GLAC-K04-001	10 x 300	23	14/23	B	1	545
GLAC-K05-001	20 x 400	125	29/32	B	1	626
GLAC-K07-001	30 x 600	430	29/32	B	1	618

THIN LAYER CHROMATOGRAPHY PLATES (TLC)

METRIA

Silica gel plates backed with aluminum or glass for TLC in different sizes. Silica gel: particle size 5-17 µm, pore size 60 Å, specific pore volume 0,75 ml/g, specific surface area 500 m^2/g. Aluminum backed plates: Coating thickness 0,15-0,20 mm, Sodium organic acid as a binder. Glass backed plates: Coating thickness 0,20-0,25mm, Acrylics and/or customized agents as binder

reference	dimensions (mm)	type	pcs/pack	price/pack kr
TLCP-AI0-250	25 x 75	backed in aluminum with F254	250	1431
TLCP-AI1-080	50 x 100	backed in aluminum with F254	80	1359
TLCP-AI2-020	100 x 200	backed in aluminum with F254	20	1216
TLCP-AI3-020	200 x 200	backed in aluminum with F254	20	2003
TLCP-AN3-020	200 x 200	backed in aluminum without F254	20	1896
TLCP-GI1-160	50 x 100	backed in glass with F254	160	1401
TLCP-GI2-040	100 x 200	backed in glass with F254	40	1366
TLCP-GI3-020	200 x 200	backed in glass with F254	20	1752
TLCP-GN3-020	200 x 200	backed in glass without F254	20	1702

SQUARED GLASS CHAMBER

LBG

In soda-lime glass, includes lid. Suitable for TLC and other purposes

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
SGCH-S01-001	140 x 100 x 215 mm	1	881
SGCH-S02-001	140 x 140 x 220 mm	1	814
SGCH-S03-001	125 x 225 x 225 mm	1	1424

PP SAFETY CAPS WITH GL45 THREAD

Designed to prevent the evaporation of volatile compounds. Compatible with bottles and jars with GL45 threads. Available with 2, 3, or 4 tube connection ports

reference	type	pcs/pack	price/pack kr
SFCP-B23-001	blue, 2 ports for 3,2 mm tubes	1	312
SFCP-R33-001	red, 3 ports for 3,2 mm tubes	1	312
SFCP-Y43-001	yellow, 4 ports for 3,2 mm tubes	1	312
SFCP-B21-001	blue, 2 ports for 1,6 mm tubes	1	312
SFCP-R31-001	red, 3 ports for 1,6 mm tubes	1	312
SFCP-Y41-001	yellow, 4 ports for 1,6 mm tubes	1	312
Accessories and spare parts			
SFCP-A01-100	1/4-28 PEEK Fitting for 3,2 mm tubes	100	156
SFCP-A02-100	10-32unf PEEK Fitting for 1,6 mm tubes	100	215
SFCP-A03-100	10-32unf PEEK Blind Plug	100	98

SOLVENTS FOR CHROMATOGRAPHY

ACETONE

labkem

MW: 58.08 CAS: 67-64-1 EC: 200-662-2 EC INDEX: 606-001-00-8 TARIC code: 29141100 Restriction: Drugs precursor Cat. 3 + Explosives

CH_3COCH_3

IMDG: 3 II UN 1090 ADR: 3 II UN 1090 (D/E) IATA: 3 II UN 1090

ACETONE HPLC GGR

ACS Spec. passes test
UV spectrophotometry
UV-Abs. max. lim. (330 nm) < 1.00
UV-Abs. max. lim. (340 nm) < 0.06
UV-Abs. max. lim. (350 nm) < 0.01
UV Cutoff < 330nm
Assay > 99.7%
Colour (Hazen) < 10
Water (KF) < 0.25%
Res. on evap. < 0.0001%
Titr. acid < 0.0003mEq/g
Titr. base < 0.0006mEq/g
Solub. in H_2O passes test
Subst. red. $KMnO_4$ passes test
Aldehydes < 0.002%
Methanol < 0.05%
2-Propanol < 0.05%

reference	packaging		price kr
ACET-0GH-2K5	G GL45	2,5 L	488
ACET-0GH-P04	G GL45	4x2,5 L	1627

ACETONE PESTICIDE GRADE PGR

Assay > 99.5%
Water (KF) < 0.5%
Colour (Hazen) < 10
Non-Vol. Mat. < 0.0005%

reference	packaging		price kr
ACET-0GC-2K5	G GL45	2,5 L	532
ACET-0GC-P04	G GL45	4x2,5 L	1775

ACETONITRILE

labkem

MW: 41.05 CAS: 75-05-8 EC: 200-835-2 EC INDEX: 608-001-00-3

CH_3CN

IMDG: 3 II UN 1648 ADR: 3 II UN 1648 (D/E) IATA: 3 II UN 1648

ACETONITRILE GC/HPLC GGR

UV-Abs. max. lim. (195 nm) < 0.15
UV-Abs. max. lim. (200 nm) < 0.05
UV-Abs. max. lim. (205 nm) < 0.04
UV-Abs. max. lim. (210 nm) < 0.02
UV-abs. max. lim. (220 nm) < 0.01
UV-Abs. max. lim. (254 nm) < 0.009
UV Cutoff < 190nm
Grad. Elut. test passes test
Assay > 99.9%
Colour (Hazen) < 10
H_2O (by KF) < 0.01%
Res. on evap. < 0.0001%
Titr. acid < 0.0008mEq/g
Titr. base < 0.0006mEq/g

reference	packaging		price kr
ACTN-0GH-2K5	G GL45	2,5 L	887
ACTN-0GH-P04	G GL45	4x2,5 L	2958
ACTN-0GH-4K0	G GL38	4 L	1109
ACTN-0GH-PG4	G GL38	4x4 L	3697

ACETONITRILE LC/MS LGR

LC Grad. Suit. Passes test
Assay > 99.9%
Colour (Hazen) < 10
Water (KF) < 0.01%
Res. on evap. < 0.0001%
Titr. acid < 0.008%
Titr. base < 0.0006%
UV-Abs. max. lim. (195 nm) < 0.15
UV-Abs. max. lim. (200 nm) < 0.05
UV-Abs. max. lim. (205 nm) < 0.04
UV-Abs. max. lim. (210 nm) < 0.02
UV-abs. max. lim. (220 nm) < 0.01
UV-Abs. max. lim. (254 nm) < 0.005
UV Cutoff < 190nm
Grad. elut. H. Peak (254 nm) < 0.5mAU
Grad. elut. H. Peak (210 nm) < 2mAU
Al < 0.0000025%
Ba < 0.000005%
Cd < 0.000005%
Ca < 0.0000025%
Cr < 0.000005%
Co < 0.000005%
Cu < 0.000005%
Fe < 0.000005%
Pb < 0.000005%
Mg < 0.0000025%
Mn < 0.000005%
Ni < 0.000005%
K < 0.0000025%
Ag < 0.000005%
Na < 0.000005%
Sn < 0.000005%
Zn < 0.000005%

reference	packaging		price kr
ACTN-LCM-2K5	G GL45	2,5 L	1153
ACTN-LCM-P04	G GL45	4x2,5 L	3845

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i GRADES, FAMILIES and PACKAGING information on p. 352

1-BUTANOL

labkem

MW: 74.12 CAS: 71-36-3 EC: 200-751-6 EC INDEX: 603-004-00-6

IMDG: 3 III UN 1120 ADR: 3 III UN 1120 (D/E) IATA: 3 III UN 1120

$CH_3(CH_2)_3OH$

1-BUTANOL HPLC GGR			reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.03% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 230 nm > 65% UV-Tr. (1cm;Wat.) 240 nm > 80% UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 260 nm > 95%	UV-Tr. (1cm;Wat.) 310 nm > 99% Fluorescence (as quinine): F (quin.) 254 nm < 0.0000002% F (quin.) 365 nm < 0.0000002%	BUTL-1GH-2K5	G GL45	2,5 L	1493

CYCLOHEXANE

labkem

MW: 84,16 CAS: 110-82-7 EC: 203-806-2 EC INDEX: 601-017-00-1 TARIC code: 29021100 Restriction: Hydrocarbons

IMDG: 3 II UN 1145 ADR: 3 II UN 1145 (D/E) IATA: 3 II UN 1145

C_6H_{12}

CYCLOHEXANE HPLC GGR			reference	packaging		price kr
Assay > 99.5% Water (KF) > 0.01% Acidity > 0.0005meq/g Res. on evap. > 0.0005%	UV-Tr. (1cm;Wat.) 210 nm < 60% UV-Tr. (1cm;Wat.) 220 nm < 80% UV-Tr. (1cm;Wat.) 230 nm < 95% UV-Tr. (1cm;Wat.) 240 nm < 98%	UV-Tr. (1cm;Wat.) 250 nm < 99% F254 nm (Quinine) > 0.0000001% F365 nm (Quinine) > 0.0000001%	CYHX-00H-2K5	G GL45	2,5 L	N/A
			CYHX-00H-P04	G GL45	4x2,5 L	N/A

DICHLOROMETHANE

labkem

MW: 84.93 CAS: 75-09-2 EC: 200-838-9 EC INDEX: 602-004-00-3

IMDG: 6.1 III UN 1593 ADR: 6.1 III UN 1593 (E) IATA: 6.1 III UN 1593

CH_2Cl_2

DICHLOROMETHANE (STABILIZED WITH AMYLENE) HPLC GGR			reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.01% Acidity < 0.0005meq/g Alkalinity < 0.0005%	Non-Vol. Mat. < 0.0005% Stabilizer (amylene) 0.005% Res. on ignition < 0.0002% UV-Tr. (1cm;Wat.) 235 nm > 40%	UV-Tr. (1cm;Wat.) 240 nm > 75% UV-Tr. (1cm;Wat.) 250 nm > 98% UV-Tr. (1cm;Wat.) 260 nm > 99%	DCHM-0GH-2K5	G GL45	2,5 L	1707
			DCHM-0GH-P04	G GL45	4x2,5 L	5690

DIMETHYL SULFOXIDE

labkem

MW: 78.13 CAS: 67-68-5 EC: 200-664-3

$(CH_3)_2SO$

DIMETHYL SULFOXIDE HPLC GGR			reference	packaging		price kr
UV Absorbance UV-Abs. max. lim. (263 nm) < 1.0 UV-Abs. max. lim. (270 nm) < 0.4 UV-Abs. max. lim. (290 nm) < 0.18 UV-Abs. max. lim. (310 nm) < 0.06	UV-Abs. max. lim. (330 nm) < 0.02 UV-Abs. max. lim. (350 nm) < 0.01 UV Cutoff < 263 nm Assay > 99.5% Colour (Hazen) < 10	Water (KF) < 0.05% Res. on evap. < 0.0005% Titr. acid < 0.001 ppm	DMSO-0GH-2K5	G GL45	2,5 L	1553
			DMSO-0GH-P04	G GL45	4x2,5 L	5176

ETHYL ACETATE

labkem

MW: 88,10 CAS: 141-78-6 EC: 205-500-4 EC INDEX: 607-022-00-5

IMDG: 3 II UN 1173 ADR: 3 II UN 1173 (D/E) IATA: 3 II UN 1173

$CH_3COOC_2H_5$

ETHYL ACETATE HPLC GGR			reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005 meq/q	Non-Vol. Mat. < 0.0005 meq/g UV-Abs. max. lim. (270 nm) < 0.025 UV-Abs. max. lim. (260 nm) < 0.15	UV Cutoff < 255 UV-Abs. max. limit (255 nm) < 1.00	ETAC-0GH-2K5	G GL45	2,5 L	665
			ETAC-0GH-P04	G GL45	4x2,5 L	2218

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

HEPTANE

labkem

MW: 100.21 CAS: 142-82-5 EC: 921-510-4 EC INDEX: 601-008-00-2 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1206 ADR: 3 II UN 1206 (D/E) IATA: 3 II UN 1206

C_7H_{16}

N-HEPTANE 99% HPLC GGR			reference	packaging		price kr
Assay > 99.0% Water (KF) < 0.02% Colour (Hazen) < 10	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 210 nm > 40% UV-Tr. (1cm;Wat.) 220 nm > 80%	UV-Tr. (1cm;Wat.) 230 nm > 93% UV-Tr. (1cm;Wat.) 240 nm > 97% UV-Tr. (1cm;Wat.) 250 nm > 98%	HPTN-9GH-2K5	GL45	2,5 L	N/A
			HPTN-9GH-P04	GL45	4x2,5 L	N/A

HEXANE

labkem

MW: 86.18 CAS: 110-54-3 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C_6H_{14}

N-HEXANE 95% HPLC GGR			reference	packaging		price kr
Assay > 95.0% Water (KF) < 0.01% Colour (Hazen) < 10 Acidity < 0.0003meq/g	Res. on evap. < 0.0003% UV-Abs. max. lim. (195 nm) < 1.00 UV-Abs. max. lim. (210 nm) < 0.25 UV-abs. max. lim. (220 nm) < 0.075	UV-Abs. max. lim. (254 nm) < 0.005 UV Cutoff < 195 nm	HXAN-5GH-2K5	GL45	2,5 L	N/A
			HXAN-5GH-P04	GL45	4x2,5 L	N/A
N-HEXANE 95% PESTICIDE GRADE PGR			**reference**	**packaging**		**price kr**
Assay > 95% Water (KF) < 0.02% Colour (Hazen) < 10	Acidity < 0.0005 meq/g Res. on evap. < 0.0005%		HXAN-5GC-2K5	GL45	2,5 L	N/A
			HXAN-5GC-P04	GL45	4x2,5 L	N/A

HEXANE, ISOMER MIX

labkem

MW: 86.18 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C_6H_{14}

N-HEXANE (ISOMERS) HPLC GGR			reference	packaging		price kr
Assay (V/V) > 96% App. Clear colourless liquid Arom. Comp. (v/v) < 0.005% Benzene < 0.001%	colour (Saybolt) > 30 S < 0.0001% Cu corros. (ASTM D130) < 1 Density at 15 °C 0.665 - 0.673 g/ml	Boiling range 62.5 - 70 °C Non-Vol. Mat. < 5 mg/100 ml	HXAN-IGH-2K5	GL45	2,5 L	N/A
			HXAN-IGH-P04	GL45	4x2,5 L	N/A

ISOOCTANE

labkem

MW: 114.23 CAS: 540-84-1 EC: 208-759-1 EC INDEX: 601-009-00-8 TARIC code: 29011000 Restriction: Hydrocarbons

C_8H_{18}

IMDG: 3 II UN 1262 ADR: 3 II UN 1262 (D/E) IATA: 3 II UN 1262

ISOOCTANE HPLC GGR			reference	packaging		price kr
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 UV-Abs. max. lim. (225 nm) < 0.10	UV-Abs. max. lim. (254 nm) < 0.014 UV Cutoff < 205 nm Assay (C_8H_{18}) > 99.0% Colour (Hazen) < 10	Water (KF) < 0.02% Res. on evap. < 0.0004% Wat. sol. titr. acid < 0.0003 mEq/g S comp. < 0.005%	ISCT-0GH-2K5	G GL45	2,5 L	N/A
			ISCT-0GH-P04	G GL45	4x2,5 L	N/A

METHANOL

labkem

MW: 32.04 CAS: 67-56-1 EC: 200-659-6 EC INDEX: 603-001-00-X

CH_3OH

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230

METHANOL GC/HPLC GGR			reference	packaging		price kr
UV-abs. max. lim. (220 nm) < 0.25 UV-Abs. max. lim. (230 nm) < 0.15 UV-Abs. max. lim. (254 nm) < 0.02 UV-Abs. max. lim. (280 nm) < 0.01 Grad. Elut. test passes test UV Cutoff < 205 nm Assay > 99.9%	Colour (Hazen) < 10 H_2O (by KF) < 0.05% Res. on evap. < 0.0003% Titr. acid < 0.0003 mEq/g Titr. base < 0.0002 mEq/g Carbonyl comp. < 0.001% Subs. dark. by H_2SO_4 passes test	Subst. red. $KMnO_4$ passes test Solub. in H_2O passes test ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 LC Grad. Suit.	MTOL-0GH-2K5	G GL45	2,5 L	324
			MTOL-0GH-P04	G GL45	4x2,5 L	1079
			MTOL-0GH-4K0	G GL35	4 L	408
			MTOL-0GH-PG4	G GL35	4x4 L	1360

METHANOL LC/MS LGR			reference	packaging		price kr
Assay > 99.9% App. Clear colourless liquid H_2O (by KF) < 0.05% Colour (Hazen) < 10 Acid. (Acetic acid) < 0.0003% Alkal. (Ammonia) < 0.0002% Res. on evap. < 0.001% Grad. elut. H. Peak (254 nm) < 0.002AU T220nm > 60% T235nm > 85%	T260nm > 98% LC Grad. Suit. Passes test Ni < 0.000002% Ba < 0.00001% Fe < 0.00001% Al < 0.00005% Ca < 0.00001% Cr < 0.000002% Cu < 0.000001% Mn < 0.000001%	Co < 0.000002% Mg < 0.00001% Na < 0.00001% K < 0.00001% Pb < 0.000002% Cd < 0.000005% Ag < 0.00001% Sn < 0.00001% Zn < 0.00001%	MTOL-LCM-2K5	G GL45	2,5 L	377
			MTOL-LCM-P04	G GL45	4x2,5 L	1257

PETROLEUM ETHER 40-60

labkem

CAS: 64742-49-0 EC: 265-151-9 EC INDEX: 649-328-00-1 TARIC code: 27101225 Restriction: Hydrocarbons

IMDG: 3 II UN 1268 ADR: 3 II UN 1268 (D/E) IATA: 3 II UN 1268

PETROLEUM ETHER 40-60 HPLC GGR			reference	packaging		price kr
Water < 0.01% Acidity < 0.0005meq/q Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 210 nm > 60% UV-Tr. (1cm;Wat.) 220 nm > 80% UV-Tr. (1cm;Wat.) 230 nm > 90%	UV-Tr. (1cm;Wat.) 240 nm > 98% UV-Tr. (1cm;Wat.) 250 nm > 99%	PEET-4GH-2K5	G GL45	2,5 L	N/A
			PEET-4GH-P04	G GL45	4x2,5 L	N/A

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

1-PROPANOL

labkem

MW: 60,10 CAS: 71-23-8 EC: 200-746-9 EC INDEX: 603-003-00-0

IMDG: 3 II UN 1274 ADR: 3 II UN 1274 (D/E) IATA: 3 II UN 1274

$CH_3CH_2CH_2OH$

1-PROPANOL HPLC GGR			reference	packaging		price kr
Assay > 99.5% Water (KF) < 0.05% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 290 nm > 98% UV-Tr. (1cm;Wat.) 300 nm > 99%		PROL-1GH-2K5	G GL45	2,5 L	2152
			PROL-1GH-P04	G GL45	4x2,5 L	7175

2-PROPANOL

labkem

MW: 60,10 CAS: 67-63-0 EC: 200-661-7 EC INDEX: 603-117-00-0

IMDG: 3 II UN 1219 ADR: 3 II UN 1219 (D/E) IATA: 3 II UN 1219

$CH_3CH(OH)CH_3$

2-PROPANOL HPLC GGR			reference	packaging		price kr
ACS Spec. passes test UV Absorbance UV-Abs. max. lim. (205 nm) < 1.0% UV-abs. max. lim. (220 nm) < 0.25%	UV-Abs. max. lim. (230 nm) < 0.13% UV-Abs. max. lim. (254 nm) < 0.02% Assay > 99.8% Colour (Hazen) < 10	Water (KF) < 0.1% Res. on evap. < 0.0005% Acidity < 0.0001mEq/g Carbonyl comp. < 0.002%	PROL-2GH-2K5	G GL45	2,5 L	532
			PROL-2GH-P04	G GL45	4x2,5 L	1775
2-PROPANOL LC/MS LGR			reference	packaging		price kr
Assay > 99.9% Filtered through 0.2 µm App. Clear colourless liquid H_2O (by KF) < 0.05% Colour (Hazen) < 5 Acid. (Acetic acid) < 0.002% Alkal. (Ammonia) < 0.002% Res. on evap. < 0.0005% Grad. elut. H. Peak (210 nm) < 0.002AU	Grad. elut. H. Peak (254 nm) < 0.002AU T210nm > 40% T220nm > 80% T230nm > 90% T250nm > 98% Ca < 0.00001% Mg < 0.00001% Na < 0.00001% K < 0.00001%		PROL-LCM-2K5	G GL45	2,5 L	2672
			PROL-LCM-P04	G GL45	4x2,5 L	8906

TETRAHYDROFURAN

labkem

MW: 72.11 CAS: 109-99-9 EC: 203-726-8 EC INDEX: 603-025-00-0

IMDG: 3 II UN 2056 ADR: 3 II UN 2056 IATA: 3 II UN 2056

C_4H_8O

TETRAHYDROFURAN HPLC GGR			reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005 meq/g	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 240 nm > 70% UV-Tr. (1cm;Wat.) 250 nm > 80%	UV-Tr. (1cm;Wat.) 260 nm > 90% UV-Tr. (1cm;Wat.) 270 nm > 98% UV-Tr. (1cm;Wat.) 280 nm > 99%	TETR-0GH-2K5	G GL45	2,5 L	2037
			TETR-0GH-P04	G GL45	4x2,5 L	6791

TOLUENE

labkem

MW: 92.14 CAS: 108-88-3 EC: 203-625-9 EC INDEX: 601-021-00-3 TARIC code: 29023000 Restriction: Drugs precursor Cat. 3 + Hydrocarbons

IMDG: 3 II UN 1294 ADR: 3 II UN 1294 (D/E) IATA: 3 II UN 1294

$C_6H_5CH_3$

TOLUENE HPLC GGR			reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.02% S compounds < 0.003% Acidity < 0.0005 meq/g	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 290 nm > 50% UV-Tr. (1cm;Wat.) 300 nm > 80% UV-Tr. (1cm;Wat.) 310 nm > 90%	UV-Tr. (1cm;Wat.) 330 nm > 97% UV-Tr. (1cm;Wat.) 350 nm > 98%	TOLN-0GH-2K5	G GL45	2,5 L	N/A
			TOLN-0GH-P04	G GL45	4x2,5 L	N/A

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i GRADES, FAMILIES and PACKAGING information on p. 352

WATER

labkem

MW: 18.02 CAS: 7732-18-5 EC: 231-791-2

H_2O

WATER GC/HPLC GGR				reference	packaging		price kr
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (190 nm) < 0.01 UV-Abs. max. lim. (200 nm) < 0.01	UV-Abs. max. lim. (250-400 nm) < 0.005 UV Cutoff < 190 nm LC Grad. Suit. Grad. Elut. test passes test	Colour (Hazen) < 5 Res. on evap. < 0.001%		WATR-00H-2K5	GL45	2,5 L	319
				WATR-00H-P04	GL45	4x2,5 L	1065
				WATR-00H-4K0	GL38	4 L	288
				WATR-00H-PG4	GL38	4x4 L	961

WATER LC/MS LGR				reference	packaging		price kr
App. Clear colourless liquid Reserpine < 0.000005% Colour (Hazen) < 10 Res. on evap. < 0.001%	LC Grad. Suit. Passes test T190nm > 97% T200nm > 98% T(250 nm - 400 nm) > 99%	Fe < 0.000005% Al < 0.000005% Ca < 0.000005% Mg < 0.000005%	Na < 0.000005% K < 0.000005%	WATR-LCM-2K5	GL45	2,5 L	364
				WATR-LCM-P04	GL45	4x2,5 L	1213

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

clink

TEST TUBE HOLDER

Made of spring steel wire. Lenght: 17 cm

reference	type	pcs/pack	price/pack kr
TTHS-001-002	for tubes Ø 6 - 32 mm	2	30

TEST TUBE HOLDER

Made of wood, total length 20 cm

reference	type	pcs/pack	price/pack kr
TTHW-001-001	for tubes up to Ø 20 mm	1	16
"Saving package"			
TTHW-001-010	for tubes up to Ø 20 mm	10	122

astiK's

PLASTIC TEST TUBES

Round bottom. Packed in polybags. Made of polystyrene (PS) (clear) or polypropylene (PP) (translucent)

reference	capacity	$Ø_{outer}$ (mm)	l (mm)	pcs/pack	price/pack kr
Made of polyestyrene (PS)					
TUPS-126-500	3 ml	12	60	500	164
TUPS-127-500	5 ml	12	75	500	167
TUPS-137-500	5 ml	13	75	500	182
TUPS-130-500	8 ml	13	100	500	243
TUPS-160-500	10 ml	16	100	500	320
Made of polypropylene (PP)					
TUPP-126-500	3 ml	12	60	500	161
TUPP-127-500	5 ml	12	75	500	170
TUPP-137-500	5 ml	13	75	500	181
TUPP-130-500	8 ml	13	100	500	244
TUPP-160-500	10 ml	16	100	500	286

LBG

TEST TUBE, BOROSILICATE GLASS

Made of borosilicate glass LBG 3.3, without rim

reference	capacity	$Ø_{outer}$ (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
TU02-127-250	5 ml	12	75	0,8	250	212
TU02-120-250	7 ml	12	100	0,8	250	233
TU02-130-250	8 ml	13	100	0,8 - 1,0	250	318
TU02-160-250	10 ml	16	100	1,0	250	424
TU02-165-250	16 ml	16	150	1,0	250	594
"Saving package"						
TU02-127-2K0	5 ml	12	75	0,8	8 x 250	1164
TU02-120-2K0	7 ml	12	100	0,8	8 x 250	1397
TU02-130-2K0	8 ml	13	100	0,8 - 1,0	8 x 250	1729
TU02-160-1K0	10 ml	16	100	1,0	4 x 250	1254
TU02-165-1K0	16 ml	16	150	1,0	4 x 250	1655

TEST TUBE, NEUTRAL GLASS

LBG

Made of neutral glass LBG N, without rim

reference	capacity	Ø outer (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
TU04-105-250	2,5 ml	10	50	0,8 - 1,0	250	138
TU04-107-250	3,5 ml	10	75	0,8 - 1,0	250	149
TU04-127-250	5 ml	12	75	0,8 - 1,0	250	166
TU04-120-250	7 ml	12	100	0,8 - 1,0	250	208
TU04-130-250	8,5 ml	13	100	0,8 - 1,0	250	212
TU04-160-100	10 ml	16	100	1,0 - 1,2	100	140
TU04-165-100	16 ml	16	150	1,0 - 1,2	100	178
TU04-200-100	43 ml	20	200	1,0 - 1,2	100	316
TU04-225-100	72 ml	25	200	1,0 - 1,2	100	430
TU04-250-100	90 ml	25	250	1,0 - 1,2	100	624
"Saving package"						
TU04-105-2K0	2,5 ml	10	50	0,8 - 1,0	8 x 250	787
TU04-107-2K0	3,5 ml	10	75	0,8 - 1,0	8 x 250	847
TU04-127-2K0	5 ml	12	75	0,8 - 1,0	8 x 250	944
TU04-120-2K0	7 ml	12	100	0,8 - 1,0	8 x 250	1186
TU04-130-2K0	8,5 ml	13	100	0,8 - 1,0	8 x 250	1210
TU04-160-1K0	10 ml	16	100	1,0 - 1,2	10 x 100	998
TU04-165-600	16 ml	16	150	1,0 - 1,2	6 x 100	748
TU04-200-400	43 ml	20	200	1,0 - 1,2	4 x 100	1054
TU04-225-400	72 ml	25	200	1,0 - 1,2	4 x 100	1433
TU04-250-400	90 ml	25	250	1,0 - 1,2	4 x 100	1849

DISPOSABLE GLASS TEST TUBE

LBG

Made of neutral glass LBG N without rim.

reference	capacity	Ø outer (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
TU05-107-250	3 ml	10	75	0,6	250	101
TU05-127-250	5 ml	12	75	0,6	250	109
TU05-120-250	7 ml	12	100	0,6	250	122
TU05-130-250	8 ml	13	100	0,6	250	153
"Saving package"						
TU05-107-2K0	3 ml	10	75	0,6	8 x 250	634
TU05-127-2K0	5 ml	12	75	0,6	8 x 250	681
TU05-120-2K0	7 ml	12	100	0,6	8 x 250	788
TU05-130-2K0	8 ml	13	100	0,6	8 x 250	933

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TEST TUBE, PTFE

Molded from PTFE with heavy wall construction and smooth internal finish. Chemically inert, usable up to 280 °C

reference	capacity	Ø (mm)	h (mm)	type	pcs/pack	price/pack kr
TPTF-017-001	17 ml	18	100	round bottom	1	314
TPTF-050-001	50 ml	25	145	round bottom	1	403
TPTF-C18-001	18 ml	18	120	conical bottom	1	292

astiK's

TEST TUBE STOPPER

Made of polyethylene. Flange type. For our plastic test tubes references TUPP and TUPS

reference	type	pcs/pack	price/pack kr
TUST-N12-1K0	for Ø 12 mm test tubes, neutral colour	1000	165
TUST-R12-1K0	for Ø 12 mm test tubes, red colour	1000	165
TUST-B12-1K0	for Ø 12 mm test tubes, blue colour	1000	165
TUST-N13-1K0	for Ø 13 mm test tubes, neutral colour	1000	183
TUST-R13-1K0	for Ø 13 mm test tubes, red colour	1000	183
TUST-B13-1K0	for Ø 13 mm test tubes, blue colour	1000	183
TUST-N16-1K0	for Ø 16 mm test tubes, neutral colour	1000	253
TUST-R16-1K0	for Ø 16 mm test tubes, red colour	1000	253
TUST-B16-1K0	for Ø 16 mm test tubes, blue colour	1000	253

astiK's

TEST TUBE STOPPER

Made of polypropylene. For our glass test tubes references TU02, TU04 and TU05. Autoclavable

reference	type	pcs/pack	price/pack kr
PUST-N13-500	for Ø 13 mm test tubes, neutral colour	500	261
PUST-R13-500	for Ø 13 mm test tubes, red colour	500	261
PUST-B13-500	for Ø 13 mm test tubes, blue colour	500	261
PUST-N16-500	for Ø 16 mm test tubes, neutral colour	500	290
PUST-R16-500	for Ø 16 mm test tubes, red colour	500	290
PUST-B16-500	for Ø 16 mm test tubes, blue colour	500	290
PUST-N20-250	for Ø 20 mm test tubes, neutral colour	250	201
PUST-R20-250	for Ø 20 mm test tubes, red colour	250	201
PUST-B20-250	for Ø 20 mm test tubes, blue colour	250	201
PUST-N25-250	for Ø 25 mm test tubes, neutral colour	250	234
PUST-R25-250	for Ø 25 mm test tubes, red colour	250	233
PUST-B25-250	for Ø 25 mm test tubes, blue colour	250	233

astiK's

NEW

SCREW CAP FOR TEST TUBES

Natural color, made of polyethylene. Offers a dual position once placed on the tube; a loose position for aerobic work or a sealed position for anaerobic cultures

reference	type	pcs/pack	price/pack kr
TUDP-012-1K0	for Ø 12 mm test tubes	1000	221
TUDP-017-500	for Ø 17 mm test tubes	500	197

MULTI-POSITION STOPPER FOR TEST TUBES

astiK's NEW

Made of PE. Adaptable to diameters of 10, 12, 13, and 16 mm

reference	type	pcs/pack	price/pack kr
TUMF-00W-1K0	clear	1000	189
TUMF-00R-1K0	red	1000	189
TUMF-00B-1K0	blue	1000	189
TUMF-00G-1K0	green	1000	189
TUMF-00Y-1K0	yellow	1000	189

FLEXIBLE STOPPER FOR TEST TUBES

astiK's NEW

Made of PE. Flexible, it adapts to the tube's mouth. Available for Ø 13 mm or 16 mm

reference	type	pcs/pack	price/pack kr
TUFC-W13-1K0	for Ø 13 mm tubes, clear	1000	155
TUFC-R13-1K0	for Ø 13 mm tubes, red	1000	155
TUFC-B13-1K0	for Ø 13 mm tubes, blue	1000	155
TUFC-G13-1K0	for Ø 13 mm tubes, green	1000	155
TUFC-W16-1K0	for Ø 16 mm tubes, clear	1000	186
TUFC-R16-1K0	for Ø 16 mm tubes, red	1000	186
TUFC-B16-1K0	for Ø 16 mm tubes, blue	1000	186
TUFC-G16-1K0	for Ø 16 mm tubes, green	1000	186

RUBBER STOPPER, SOLID

astiK's

Made of natural rubber, red

reference	$Ø_{top}$ (mm)	$Ø_{botton}$ (mm)	h (mm)	for glasses with inner-Ø	pcs/pack	price/pack kr
STOR-009-025	9,00	6,00	16,00	7,5 ± 0,5 mm	25	29
STOR-013-025	13,00	9,00	15,50	11 ± 0,5 mm	25	29
STOR-014-025	14,00	11,00	18,50	12,5 ± 0,5 mm	25	33
STOR-016-025	16,50	13,00	20,00	15 ± 0,5 mm	25	41
STOR-019-025	19,00	14,00	21,00	16,5 ± 0,5 mm	25	52
STOR-021-020	21,00	15,00	22,00	18 ± 0,5 mm	20	47
STOR-022-020	22,50	17,50	23,00	20 ± 0,5 mm	20	59
STOR-026-010	26,50	21,00	27,50	24 ± 0,5 mm	10	60
STOR-028-010	28,00	21,50	31,00	25 ± 0,5 mm	10	69
STOR-030-010	30,00	26,00	33,00	28 ± 0,5 mm	10	94
STOR-032-010	32,50	28,50	32,50	30,5 ± 0,5 mm	10	103
STOR-037-010	37,50	28,50	44,00	33 ± 0,5 mm	10	140
STOR-041-010	41,50	32,00	42,50	37 ± 0,5 mm	10	173
STOR-049-010	49,50	40,00	40,50	45 ± 0,5 mm	10	267

astiK's NEW

PERFORATED RUBBER STOPPER, SOLID

Made of natural rubber, red

reference	Ø top (mm)	Ø botton (mm)	h (mm)	for glasses with inner-Ø	pcs/pack	price/pack kr
STOR-H09-025	9,00	6,00	16,00	7,5 ± 0,5 mm	25	29
STOR-H13-025	13,00	9,00	15,50	11 ± 0,5 mm	25	30
STOR-H14-025	14,00	11,00	18,50	12,5 ± 0,5 mm	25	34
STOR-H16-025	16,50	13,00	20,00	15 ± 0,5 mm	25	42
STOR-H19-025	19,00	14,00	21,00	16,5 ± 0,5 mm	25	53
STOR-H21-020	21,00	15,00	22,00	18 ± 0,5 mm	20	49
STOR-H22-020	22,50	17,50	23,00	20 ± 0,5 mm	20	60
STOR-H26-010	26,50	21,00	27,50	24 ± 0,5 mm	10	61
STOR-H28-010	28,00	21,50	31,00	25 ± 0,5 mm	10	71
STOR-H30-010	30,00	26,00	33,00	28 ± 0,5 mm	10	94
STOR-H32-010	32,50	28,50	32,50	30,5 ± 0,5 mm	10	104
STOR-H37-010	37,50	28,50	44,00	33 ± 0,5 mm	10	140
STOR-H41-010	41,50	32,00	42,50	37 ± 0,5 mm	10	173
STOR-H49-010	49,50	40,00	40,50	45 ± 0,5 mm	10	267

astiK's 121°

SILICONE STOPPER, SOLID

Made of amber silicone. Withstands temperatures from -70 °C up to +200 °C

reference	Ø top (mm)	Ø botton (mm)	h (mm)	for glasses with inner-Ø	pcs/pack	price/pack kr
STOS-011-025	11,10	6,35	25,40	9 ± 0,5 mm	25	60
STOS-013-025	12,70	7,90	25,40	10 ± 0,5 mm	25	79
STOS-015-025	15,09	10,31	25,40	13 ± 0,5 mm	25	106
STOS-017-025	17,00	13,00	25,40	15 ± 0,5 mm	25	143
STOS-019-025	19,00	14,27	25,40	17 ± 0,5 mm	25	181
STOS-020-025	20,00	15,88	25,40	18 ± 0,5 mm	25	203
STOS-024-020	24,00	18,00	30,00	21 ± 0,5 mm	20	224
STOS-026-010	26,00	20,00	25,40	23 ± 0,5 mm	10	117
STOS-027-010	27,00	23,00	25,40	25 ± 0,5 mm	10	168
STOS-032-010	31,75	26,19	25,40	29 ± 0,5 mm	10	225
STOS-037-010	36,98	30,18	25,40	34 ± 0,5 mm	10	301
STOS-041-010	41,00	33,02	25,40	37 ± 0,5 mm	10	364
STOS-044-010	44,45	37,31	25,40	41 ± 0,5 mm	10	424
STOS-046-010	46,05	38,10	25,40	42 ± 0,5 mm	10	449
STOS-052-010	52,40	44,45	25,40	48 ± 0,5 mm	10	609
STOS-060-010	59,99	50,00	45,01	55 ± 0,5 mm	10	1388

TEST TUBE DISPENSER

Made of iron with transparent front panel in acrylic material. Can hold directly test tubes boxes references TU02, TU04, TU05 and STUN

reference	type	pcs/pack	price/pack kr
DISP-TU1-001	for 75 mm lenght tubes	1	545
DISP-TU2-001	for 100 mm lenght tubes	1	545

TEST TUBE WITH LINED SCREW CAP, ROUND BOTTOM

LBG

Made of borosilicate glass. Available with black phenolic cap with silicone rubber liner or with natural colour PP cap with PTFE liner. Autoclavable

reference	capacity	Ø outer (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
Phenolic cap with silicone rubber liner						
STUN-001-250	5 ml	12	75	0,8 - 1,0	250	1111
STUN-002-250	7 ml	13	100	0,8 - 1,0	250	1166
STUN-003-250	10 ml	16	100	0,8 - 1,0	250	1206
STUN-004-100	15 ml	16	150	0,8 - 1,0	100	627
STUN-005-100	30 ml	20	150	1,0 - 1,2	100	772
PP cap with PTFE liner						
STUN-T01-250	5 ml	12	75	0,8 - 1,0	250	1234
STUN-T02-250	7 ml	13	100	0,8 - 1,0	250	1238
STUN-T03-250	10 ml	16	100	0,8 - 1,0	250	1610
STUN-T04-100	15 ml	16	150	0,8 - 1,0	100	694
STUN-T05-100	30 ml	20	150	1,0 - 1,2	100	916

TEST TUBE WITH LINED SCREW CAP, FLAT BOTTOM

LBG

Made of borosilicate glass. Available with black phenolic cap with silicone rubber liner or with natural colour PP cap with PTFE liner. Autoclavable

reference	capacity	Ø outer (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
Phenolic cap with silicone rubber liner						
STUN-F01-250	5 ml	12	75	0,8 - 1,0	250	1111
STUN-F02-250	7 ml	13	100	0,8 - 1,0	250	1166
STUN-F03-250	10 ml	16	100	0,8 - 1,0	250	1206
STUN-F04-100	15 ml	16	150	0,8 - 1,0	100	627
STUN-F05-100	30 ml	20	150	1,0 - 1,2	100	772
PP cap with PTFE liner						
STUN-TP1-250	5 ml	12	75	0,8 - 1,0	250	1234
STUN-TP2-250	7 ml	13	100	0,8 - 1,0	250	1296
STUN-TP3-250	10 ml	16	100	0,8 - 1,0	250	1340
STUN-TP4-100	15 ml	16	150	0,8 - 1,0	100	771
STUN-TP5-100	30 ml	20	150	1,0 - 1,2	100	1018

TEST TUBE WITH SCREW CAP IN PP

astiK's

Made of PP. Ø 16 x 100 mm, with a total volume of 10 ml. Round bottom. Tubes and caps are provided in separate bags

reference	type	pcs/pack	price/pack kr
CLTS-010-1K0	without label	10 x 100	108
CLTS-L10-1K0	with label	10 x 100	125

NESSLER TUBE FOR COLOURIMETER *PREMIUM LINE*

Made of top quality 3.3 borosilicate glass. Class A

reference	capacity	accuracy (ml)	graduation	l (mm)	pcs/pack	price/pack kr
NTB3-P50-010	50 ml	± 0,4	25 / 50 ml	180	10	883
NTB3-10P-010	100 ml	± 0,8	50 / 100 ml	183	10	1103

NESSLER TUBE RACK

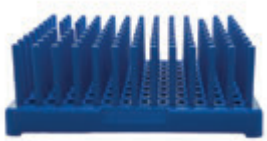
Made of polypropylene. Autoclavable

reference	type	pcs/pack	price/pack kr
NTSP-050-001	for 50 ml Nessler tubes	1	145
NTSP-100-001	for 100 ml Nessler tubes	1	145

CARTON FREEZER BOX FOR CENTRIFUGE TUBES

For 15 and 50 ml polypropylene graduated centrifuge tubes. Suitable for use in ultrafreezers down to -80 °C

reference	h (mm)	l (mm)	w (mm)	for containers with inner-Ø	capacity	pcs/pack	price/pack kr
CBOX-049-001	115	134	134	17	49 tubes	1	52
CBOX-H49-001	122	150	150	17	49 tubes	1	50
CBOX-016-001	122	150	150	35	16 tubes	1	60



TEST TUBE PEG RACK

Made of polypropylene. Autoclavable. Blue colour. Stout and rigid. Chemically resistant. Ideal for bench work or tube storage. Design allows easy viewing of the tube contents. Can be used to dry inverted tubes. Suitable for drying glass plates used in electrophoresis and can also be used to hold and dry chromatography plates

reference	tube (mm)	matrix	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
PRSP-013-002	13	8 x 12	64	179	127	1	174
PRSP-017-002	17	5 x 10	70	187	105	1	187

CENTRIFUGE TUBE, PP, WITH GRADUATION, 50 ml

Conical bottom without skirt. Sterilized by ethylene oxide. Dimensions: tube Ø29 mm, 115 mm high and cap Ø33,5 mm. Withstands RCF of 12000xg. Successfully passed 95 kPa pressure test. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
CTGP-050-050	50 ml	non-sterile	50	109
CTGP-E50-050	50 ml	sterile in single package	50	123
"Saving package"				
CTGP-050-500	50 ml	non-sterile	10 x 50	887
CTGP-E50-500	50 ml	sterile in single package	10 x 50	1037

CENTRIFUGE TUBE, PP, WITH GRADUATION, 50 ml *PREMIUM LINE*

astiK's

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000 xg. Leak proof. Graduations and labeling area: highly visible and solvent resistant. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
PTGP-050-025	50 ml	non-sterile	25	73
PTGP-05R-025	50 ml	non-sterile, racked	25	91
PTGP-E50-025	50 ml	sterile	25	93
"Saving package"				
PTGP-050-500	50 ml	non-sterile	20 x 25	1165
PTGP-05R-300	50 ml	non-sterile, racked	12 x 25	922
PTGP-E50-500	50 ml	sterile	20 x 25	1493

CENTRIFUGE TUBE, PP, WITH GRADUATION AND SKIRT, 50 ml

astiK's

Conical bottom with skirt. Sterilized by ethylene oxide. Dimensions: tube Ø29 mm, 115 mm high and cap Ø33,5 mm. Withstands RCF of 12000 xg. Successfully passed 95 kPa pressure test. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
CTSP-050-050	50 ml	non-sterile	50	116
CTSP-E50-050	50 ml	sterile in single package	50	130
"Saving package"				
CTSP-050-500	50 ml	non-sterile	10 x 50	1037
CTSP-E50-500	50 ml	sterile in single package	10 x 50	1160

CENTRIFUGE TUBE, PP, WITH GRADUATION AND SKIRT, 50 ml *PREMIUM LINE*

astiK's

Conical bottom with skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof. Graduations labeling area: highly visible and solvent resistant. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
PTSP-050-025	50 ml	non-sterile	25	84
PTSP-E50-025	50 ml	sterile	25	93
"Saving package"				
PTSP-050-500	50 ml	non-sterile	20 x 25	1347
PTSP-E50-500	50 ml	sterile	20 x 25	1493

CENTRIFUGE TUBE, PP, AMBER, 50 ml *PREMIUM LINE*

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof, HDPE cap. Labelling area: highly visible and solvent resistant. Amber colour and opaque, 0% light transmission between 270 – 600 nm. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
PTGP-A50-025	50 ml	non-sterile	25	109
PTGP-AE5-025	50 ml	sterile	25	121
"Saving package"				
PTGP-A50-500	50 ml	non-sterile	20 x 25	2009
PTGP-AE5-500	50 ml	sterile	20 x 25	2223

CENTRIFUGE TUBE, PP, WITH GRADUATION, 15 ml

Conical bottom without skirt. Sterilized by ethylene oxide. Dimensions: tube Ø17,4 mm, 120 mm high and cap Ø22 mm. Withstands RCF of 12000 xg. Successfully passed 95 kPa pressure test. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
CTGP-015-100	15 ml	non-sterile	100	150
CTGP-E15-050	15 ml	sterile in single package	50	109
"Saving package"				
CTGP-015-1K0	15 ml	non-sterile	10 x 100	1297
CTGP-E15-500	15 ml	sterile in single package	10 x 50	887

CENTRIFUGE TUBE, PP, WITH GRADUATION, 15 ml *PREMIUM LINE*

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof. Graduations and labeling area: highly visible and solvent resistant. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
PTGP-015-025	15 ml	non-sterile	25	59
PTGP-01R-050	15 ml	non-sterile in rack	50	141
PTGP-E15-025	15 ml	sterile	25	65
"Saving package"				
PTGP-015-500	15 ml	non-sterile	20 x 25	1030
PTGP-01R-500	15 ml	non-sterile in rack	10 x 50	1180
PTGP-E15-500	15 ml	sterile	20 x 25	1052

RACK FOR CENTRIFUGE TUBES, PP

For conical bottom tubes. Stackable. Freezable down to -80 °C. Marked with numbers for identification. Autoclavable.

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
CTRK-015-001	34	152	127	for 5 x 5 tubes of 15 ml	1	61
CTRK-050-001	34	230	193	for 5 x 5 tubes of 50 ml	1	69

CENTRIFUGE TUBE, PP, AMBER, 15 ml *PREMIUM LINE*

astiK's

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof, HDPE cap. Labelling area: highly visible and solvent resistant. Amber colour and opaque, 0% light transmission between 270 - 600 nm. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack kr
PTGP-A15-025	15 ml	non-sterile	25	87
PTGP-AE1-025	15 ml	sterile	25	97
"Saving package"				
PTGP-A15-500	15 ml	non-sterile	20 x 25	1640
PTGP-AE1-500	15 ml	sterile	20 x 25	1789

HIGH-CAPACITY CENTRIFUGE TUBES *PREMIUM LINE*

astiK's

Manufactured in high-quality PP. Material free from DNase, RNase, and pyrogens, as well as non-cytotoxic. Centrifugation resistance: 7000 xg. Leak-free closure. Molded graduations for precision. Sterilized by irradiation with a SAL of 10^{-6} (ISO11137) and manufactured in a cleanroom of class 100,000, complying with ISO13485 and ISO9001 quality standards. Free sterilization certificate available on the website

reference	capacity	Ø x h (mm)	pcs/pack	price/pack kr
PTGP-25E-006	250 ml	59,5 x 159,5	6	115
PTGP-50E-006	500 ml	95,7 x 146,3	6	234

CENTRIFUGE BOTTLES, PP

astiK's

Translucent bottles ideal for large-volume cell harvesting, protein purification and sampling applications. For low to moderate speed centrifugation of biological and chemical samples. Excellent chemical resistance, autoclavable

reference	capacity	Ø x h (mm)	pcs/pack	price/pack kr
BTSP-250-004	250 ml	61,8 x 127,7	4	316
BTSP-500-004	500 ml	73,8 x 169,8	4	570
BTSP-1K0-004	1000 ml	97,5 x 184,5	4	791

CENTRIFUGE TUBES RACK

clink

Made of stainless steel. Double wire model allows to better hold the centrifuge tubes, giving extra space between them

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
With single wire						
TTSS-E24-001	90	135	93	for 6 x 4 15 ml tubes	1	374
TTSS-K24-001	90	209	143	for 6 x 4 50 ml tubes	1	487
With double wire						
TTSS-Y24-001	80	170	115	for 6 x 4 15 ml tubes	1	446
TTSS-Z24-001	80	220	150	for 6 x 4 50 ml tubes	1	576

astiK's

UNIVERSAL TEST TUBE RACK

Made of polypropylene. In each side, different tube diameters can be held: 40 tubes Ø12 mm, 20 tubes Ø20 mm, 24 centrifuge tubes 15 ml or 8 centrifuge tubes 50 ml. Autoclavable

reference	description	pcs/pack	price/pack kr
MTSP-001-001	universal rack, blue	1	230

astiK's

TEST TUBES RACK

Made of polypropylene. Square holes. Does not float or turn over in a water bath. Can be dismantled. Autoclavable

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
TTSP-021-001	65	250	105	up to 21 tubes (Ø 30 mm)	1	68
TTSP-024-001	65	250	105	up to 24 tubes (Ø 25 mm)	1	68
TTSP-040-001	65	250	105	up to 40 tubes (Ø 20 mm)	1	68
TTSP-060-001	65	250	105	up to 60 tubes (Ø 16 mm)	1	68
TTSP-090-001	65	250	105	up to 90 tubes (Ø 13 mm)	1	68

astiK's

ROTATIONAL MULTI RACK FOR TUBES

Made of polypropylene. Can be rotated to accommodate different sizes of test tubes and centrifuge tubes. 4 modules. Autoclavable

reference	type	pcs/pack	price/pack kr
RMRT-004-001	2 x 50 ml, 6 x 20 ml, 8 x 15 ml, 10 x 12 ml in each module	1	307

clink

TEST TUBES RACK

Made of stainless steel

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
TTSS-W24-001	60	86	64	for 6 x 4 tubes (< Ø10 mm)	1	330
TTSS-A24-001	90	86	64	for 6 x 4 tubes (< Ø10 mm)	1	375
TTSS-X50-001	60	170	86	for 10 x 5 tubes (< Ø12 mm)	1	442
TTSS-B50-001	90	170	86	for 10 x 5 tubes (< Ø12 mm)	1	442
TTSS-C24-001	90	110	79	for 6 x 4 tubes (< Ø14 mm)	1	512
TTSS-D24-001	90	125	90	for 6 x 4 tubes (< Ø16 mm)	1	363
TTSS-D50-001	90	200	105	for 10 x 5 tubes (< Ø16 mm)	1	487
TTSS-E24-001	90	135	93	for 6 x 4 tubes (< Ø18 mm)	1	364
TTSS-E50-001	90	220	116	for 10 x 5 tubes (< Ø18 mm)	1	491
TTSS-F24-001	90	145	105	for 6 x 4 tubes (< Ø20 mm)	1	405
TTSS-F50-001	90	238	125	for 10 x 5 tubes (< Ø20 mm)	1	534
TTSS-G24-001	90	161	113	for 6 x 4 tubes (< Ø22 mm)	1	408
TTSS-K24-001	90	209	143	for 6 x 4 tubes (< Ø16 mm)	1	474

TEST TUBES RACK, Z SHAPE

clink

Made of aluminum

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
TTZS-012-001	64	168	90	for 5 x 10 tubes up to Ø 12 mm	1	238
TTZS-014-001	64	200	107	for 5 x 10 tubes up to Ø 14 mm	1	207
TTZS-017-001	64	225	120	for 5 x 10 tubes up to Ø 16 mm	1	219

CENTRIFUGE MACROTUBES

astiK's

Macrotubes for centrifugen made of PP. Round bottom and flat lid. Withstands RCF of 15000xg. Autoclavable

reference	Ø x h (mm)	type	pcs/pack	price/pack kr
PCRD-050-200	13 x 50	5 ml, graduated	200	102
PCRD-070-200	14,5 x 60	7 ml, not graduated	200	118
PCRD-100-200	16 x 80	10 ml, graduated	200	168

TEST TUBE RACK *PREMIUM LINE*

astiK's

Made of reinforced nylon. Molded in a single piece for exceptional strength and durability. Stackable. With alphanumeric marking on the top. End plates accept large labels for easy identification of samples. Does not float or turn over in a water bath. Good chemical resistance. Available in various attractive colours to help keep samples organized. No assembly is required; rack is ready to use Autoclavable

reference	l (mm)	w (mm)	h (mm)	colour	type	pcs/pack	price/pack kr
TTSN-W13-001	200	102	57	white	up to 6 x 12 tubes (Ø 13 mm)	1	152
TTSN-W16-001	248	127	70	white	up to 6 x 12 tubes (Ø 16 mm)	1	218
TTSN-W20-001	250	102	83	white	up to 4 x 10 tubes (Ø 20 mm)	1	218
TTSN-W25-001	300	121	92	white	up to 4 x 10 tubes (Ø 25 mm)	1	241
TTSN-W30-001	283	108	85	white	up to 3 x 8 tubes (Ø 30 mm)	1	241
TTSN-N13-001	200	102	57	orange	up to 6 x 12 tubes (Ø 13 mm)	1	143
TTSN-N16-001	248	127	70	orange	up to 6 x 12 tubes (Ø 16 mm)	1	205
TTSN-N20-001	250	102	83	orange	up to 4 x 10 tubes (Ø 20 mm)	1	205
TTSN-N25-001	300	121	92	orange	up to 4 x 10 tubes (Ø 25 mm)	1	226
TTSN-N30-001	283	108	85	orange	up to 3 x 8 tubes (Ø 30 mm)	1	226
TTSN-B13-001	200	102	57	blue	up to 6 x 12 tubes (Ø 13 mm)	1	152
TTSN-B16-001	248	127	70	blue	up to 6 x 12 tubes (Ø 16 mm)	1	218
TTSN-B20-001	250	102	83	blue	up to 4 x 10 tubes (Ø 20 mm)	1	218
TTSN-B25-001	300	121	92	blue	up to 4 x 10 tubes (Ø 25 mm)	1	241
TTSN-B30-001	283	108	85	blue	up to 3 x 8 tubes (Ø 30 mm)	1	241
TTSN-Y13-001	200	102	57	yellow	up to 6 x 12 tubes (Ø 13 mm)	1	152
TTSN-Y16-001	248	127	70	yellow	up to 6 x 12 tubes (Ø 16 mm)	1	218
TTSN-Y20-001	250	102	83	yellow	up to 4 x 10 tubes (Ø 20 mm)	1	218
TTSN-Y25-001	300	121	92	yellow	up to 4 x 10 tubes (Ø 25 mm)	1	241
TTSN-Y30-001	283	108	85	yellow	up to 3 x 8 tubes (Ø 30 mm)	1	241

MICROCENTRIFUGE TUBE, GRADUATED, DNase AND RNase FREE *PREMIUM LINE*

Made of polypropylene. Graduated. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Its shape and material quality allows an exceptionally high centrifugation resistance: 25000 g in fixed angle rotor centrifuges and 70000 g in oscillating rotor centrifuges. Autoclavable

reference	capacity	type	pcs/pack	price/pack kr
PCRD-015-500	1,5 ml	Eppendorf type, neutral colour, flat lid	500	173
PCRD-020-500	2,0 ml	round bottom, neutral colour, flat lid	500	219

MICROCENTRIFUGE TUBE, GRADUATED, WITH SAFE-LOCK

Made of polypropylene. Autoclavable

reference	capacity	type	pcs/pack	price/pack kr
PCRP-005-1K0	0,5 ml	Eppendorf type, natural, flat lid	1000	102
PCRP-015-500	1,5 ml	Eppendorf type, natural, flat lid	500	55
"Saving package"				
PCRP-005-10K	0,5 ml	Eppendorf type, natural, flat lid	10 x 1000	887
PCRP-015-5K0	1,5 ml	Eppendorf type, natural, flat lid	10 x 500	478

MICROCENTRIFUGE TUBE, GRADUATED, WITH SAFE-LOCK, COLOURED

Made of polypropylene. Autoclavable

reference	capacity	type	pcs/pack	price/pack kr
PCRP-Y15-500	1,5 ml	Eppendorf type, yellow, flat lid	500	64
PCRP-P15-500	1,5 ml	Eppendorf type, pink, flat lid	500	64
PCRP-B15-500	1,5 ml	Eppendorf type, blue, flat lid	500	64
PCRP-G15-500	1,5 ml	Eppendorf type, green, flat lid	500	64

MICROCENTRIFUGE TUBE, AMBER, DNase AND RNase FREE *PREMIUM LINE*

Made of polypropylene. Graduated. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Amber colour and opaque, 0% light transmission between 270 – 600 nm. Withstands high RCF of 20000 g. Autoclavable

reference	capacity	type	pcs/pack	price/pack kr
PCRD-A05-1K0	0,5 ml	Eppendorf type, amber, flat lid	1000	399
PCRD-A15-500	1,5 ml	Eppendorf type, amber, flat lid	500	202
PCRD-A20-500	2,0 ml	round bottom, amber, flat lid	500	228

MICROCENTRIFUGE TUBE, GRADUATED, ROUND BOTTOM

Made of polypropylene. Øext: 10 mm. With safe-lock. Withstands RCF of 10000xg. Autoclavable

reference	capacity	type	pcs/pack	price/pack kr
PCRP-020-500	2 ml	natural colour, flat lid	500	75
"Saving package"				
PCRP-020-10K	2 ml	natural colour, flat lid	20 x 500	1229

MICRO PESTLE FOR MICROTUBES

astiK's

Made of polypropylene. One end is for breaking up solids in 1.5 ml microtubes, and the other end to be used in 0.5 ml microtubes. Autoclavable

reference	l (mm)	type	pcs/pack	price/pack kr
MPSP-001-001	73	for 0.5 and 1.5 ml microtubes	1	21

FLOATING RACK FOR MICROTUBES

astiK's

Made of polypropylene. To heat or cool microtubes in a waterbath and avoid them to sink. Stackable and with an alphanumerical identification of each position. Autoclavable

reference	type	pcs/pack	price/pack kr
FLRP-001-001	for 16 microtubes 1.5 ml	1	99

RACK FOR 1,5 ML MICROTUBES

astiK's

Made of polypropylene. Stackable and with an alphanumerical identification of each position. Autoclavable

reference	type	pcs/pack	price/pack kr
MCRP-100-001	for 100 microtubes 1.5 ml	1	145

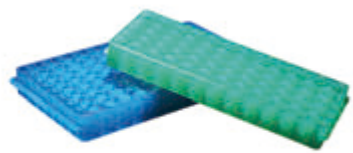
OVERTURNABLE PCR 0.5 ML AND 1.5/2 ml MICROTUBE RACK

astiK's

NEW

Made of polypropylene. One side fits 0.5 ml tubes and the other side fits 1.5/2 ml tubes. Autoclavable

reference	type	pcs/pack	price/pack kr
PCPP-O60-001	up to 60 tubes (5 x 12). Orange colour	1	52
PCPP-B60-001	up to 60 tubes (5 x 12). Blue colour	1	52
PCPP-G60-001	up to 60 tubes (5 x 12)l. Green colour	1	52
PCPP-R60-001	up to 60 tubes (5 x 12)l. Red colour	1	52
PCPP-O96-001	up to 96 tubes (8 x 12). Orange colour	1	75
PCPP-B96-001	up to 96 tubes (8 x 12). Blue colour	1	75
PCPP-G96-001	up to 96 tubes (8 x 12)l. Green colour	1	75
PCPP-R96-001	up to 96 tubes (8 x 12)l. Red colour	1	90



MICROTUBE RACK, STAINLESS STEEL

clink

For Eppendorf 1.5 ml microtubes

reference	type	pcs/pack	price/pack kr
TTSS-N25-001	for 5 x 5 microtubes (1.5 ml)	1	531
TTSS-N50-001	for 10 x 5 microtubes (1.5 ml)	1	522

MULTI-PURPOSE CLINICAL CENTRIFUGE, DM0636

Multi-purpose clinical centrifuge ideal for the centrifugation of samples in clinical, chemistry, cytology, research and industrial laboratories. Speed can be set from 300 rpm to 6000 rpm/4300xg. Speed accuracy: ±20 rpm. Allows working with oscillating and fixed angle rotors and in continuous mode or with a timer that can be set up to 99 min. Automatic rotor identification. Up to 9 programmes can be stored. Fast acceleration and deceleration (Acceleration: 9 seg / Braking: 10 seg) to ensure optimal separation. Maintenance-free brushless DC motor. Sound-alert function. Door interlock, over speed detector, automatic internal diagnosis. Dimensions: 445 x 579 x 269 mm. **A stainless-steel swing-out rotor with 4 positions (CCEN-A10-001) and supports and adapters for 100 ml, 85 ml, 50 ml, 15 ml and 3-7 ml tubes (CCEN-A11-004) are included**. The CCEN-A10-001 rotor can be combined with the A11, A12, A13 and A14 supports and adapters in the table below. Rotors A15-A21 do not require supports or adapters. 100-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
CCEN-6K0-001	clinical centrifugue DLAB DM0636	1	35258
Spare parts			
CCEN-A10-001	stainless steel swing-out rotor, 4 positions (order supports/adaptors separately)	1	7095
CCEN-A11-004	100, 85, 50, 15 and 3-7 ml supports with adaptors	4	3268
CCEN-A12-004	supports with adaptors for 8 tubes of 50 ml	4	3268
CCEN-A13-004	supports with adaptors for 16 tubes of 10-15 ml	4	3268
CCEN-A14-004	supports with adaptors for 36 tubes of 3-7 ml	4	3600
CCEN-A15-001	fix angle aluminum rotor for 30 x 15 ml tubes	1	6880
CCEN-A16-001	fix angle aluminum rotor for 6 x 50 ml tubes	1	13114
CCEN-A17-001	fix angle aluminum rotor for 12 x PCR8 Trips	1	9459
CCEN-A18-001	fix angle aluminum rotor for 30 x 2 ml tubes	1	8744
CCEN-A19-001	fix angle aluminum rotor for 60 x 2 ml tubes	1	10630
CCEN-A20-001	fix angle aluminum rotor for 18 x 5 ml tubes	1	8744
CCEN-A21-001	fix angle aluminum rotor for 8 x 50 ml tubes or 16 x 15 ml tubes	1	10534

THE IMPORTANCE OF BALANCING YOUR CENTRIFUGE ROTOR

It is crucial that the weight on the rotor is balanced evenly with respect to the axis of rotation. If the rotor is not balanced, at a higher speed the centrifuge will make more noise and generate vibrations, which can lead to poor centrifugation or even equipment breakage. To achieve a good balance, always place the tubes facing each other, placing a tube of the same dimensions and the same weight (sample quantity) on the opposite side.

	CCEN-A14-004		CCEN-A13-004			CCEN-A12-004	CCEN-A11-004				
bucket	x 4										
tube	x 36		x 16			x 8	x 4	x 4	x 4	x 8	x 20
Nominal volume	3-7mL		10mL	12mL	15mL	50mL	100mL	85mL	50mL	15mL	3-7mL
φxL mm	13×75	13×100	15×100	17×105	17×120	29.5×100	38×108	38×104	29.5×100	17×120 13×100 13×75	13×100 13×75
tube											
adapter	with plug										
Package	36						4		4	8	4
Tubes per rotor	36	36	16	16	16	8	4	4	4	8	20
Radius(mm)	14	16.5	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.1	14.7
Max RCF (g-force)	2500	2950	2840	2840	2840	2840	2840	2840	2840	2700	2630

WARRANTY AND TECHNICAL SERVICE

The warranty period is mentioned for each product in this catalogue. This period is of minimum 1 year and for some items up to 5 years. For further information, please feel free to contact your local distributor or our Customer Service.

MINI CENTRIFUGE, MC7000

Ideal for quick spin downs and micro filtration. 2 lid colors. Fixed speed 7000 rpm (2680×g). 2 rotors delivered with the stirrer: 8 x 2 ml/1.5 ml tube and 16 x 0.2 ml PCR tube. Noise level ≤45dB. The centrifuge can be started and stopped by closing and opening the lid. 200-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
MCEN-00B-001	mini centrifugue LBX MC7000 series, blue lid	1	1886
MCEN-00G-001	mini centrifugue LBX MC7000 series, green lid	1	1886
Accessories and spare parts			
MCEN-A01-001	plastic rotor, 7000 rpm, 2 ml/1.5 ml x 8	1	465
MCEN-A02-001	plastic rotor, 7000 rpm, PCR8 x 2	1	316
MCEN-A03-008	2 ml to 0.2 ml rotor adapter, used with MCEN-A01-001	8	242
MCEN-A04-008	2 ml to 0.5 ml rotor adapter, used with MCEN-A01-001	8	242

HIGH-SPEED MINI CENTRIFUGE, MC10K

This centrifuge is well-suited for rapid spins, microfiltration of samples, cell separations, and numerous other routine laboratory tasks. Speed range of 2,000 - 10,000 RPM (in 1,000 RPM increments). It is designed to accommodate 12 tubes of 0.5/1.5/2.0 ml, 44 tubes of 0.2 ml, or 4 strips of 8 tubes of 0.2 ml. It achieves a maximum RCF of 6,708 x g for 0.5/1.5/2.0 ml tubes and 6,596-7,490 x g for PCR strips. The noise level is less than 58 dB. It features rapid acceleration and braking (acceleration time: 1 sec / braking time: 2 sec) and is powered by a brushless DC motor, ensuring quick and effortless rotor acceleration to the set speed. The timer can be set from 10 seconds to a maximum of 20 minutes. External dimensions (mm): 130 x 180 x 210. It operates on 100-240 V / 50-60 Hz. 2-year warranty

reference	description	pcs/pack	price/pack kr
MCEN-10K-001	mini centrifuge LBX MC10K	1	4737

HIGH SPEED MINI CENTRIFUGE, MC15K

High Speed Micro centrifuge is ideal for biochemical and chemical analysis of microsamples, sedimentation of biological components, etc. Powerful centrifugal force (R.C.F): 15100 xg (increment: 100 xg) and Max. speed (R.P.M): 15000 (increment: 100 rpm). Speed Accuracy: ±20 rpm. The rotor included with the centrifuge (MCEN-A05-001) is designed for a capacity of 12 x 1.5/2.0 ml tubes or 12 x smaller 0.2 ml and 0.5 ml tubes through use of adapters (not included). High strength plastic rotor with CE mark. Low noise ≤ 54 dB. Delivers fast acceleration and deceleration (Acceleration: 11 seg / Breaking time: 9 seg). Brushless DC motor accelerates quickly and effortlessly the rotor to the set speed. Operation can be timed from 30 seconds to 99 minutes or continuous running ('HOLD' position). Sound-alert function. There is also door interlock, over speed detection, over-temperature detection and automatic internal diagnosis. External dimensions: 140 x 255 x 245 mm. 110-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
MCEN-15K-001	mini centrifuge LBX MC15K series	1	11603
Spare parts			
MCEN-A05-001	Plastic rotor kit with lid, fixing clips and O-ring, 15000 rpm, 12 x 1,5ml/2ml	1	3348
MCEN-A06-024	2ml to 0.2 ml rotor adapter	24	714
MCEN-A07-024	2ml to 0.5 ml rotor adapter	24	762

CLINICAL CENTRIFUGE, DM0412

Clinical centrifuge applications with small sample volumes in clinical, industrial and research laboratories. Easy to program and operate to achieve high accuracy with speed control. Rotor speed can be set and concisely displayed by RPM or G-force from 300 rpm to a max. of 4500 rpm/2490xg (increment: 100 rpm). Speed accuracy: ±20 rpm. The rotor included with the centrifuge (CCEN-A01-001) is designed and suitable for use with tubes from 1,5 ml vacutainers to 15 ml conical tubes, using the included adapters and inserts.
The following configurations are possible:
> 8 x 15ml conical tubes (Ø17xL120mm) - No adapters required
> 12 x 1,5-5ml vacutainers (Ø13xL82mm) - 1 x CCEN-A02-012 and 1 x CCEN-A03-012 required per tube
> 12 x 4-7 ml vacutainers (Ø13xL106mm) - 1 x CCEN-A02-012 required per tube
> 12 x 4-7 ml vacutainers (Ø16xL75mm) - No adapters required
> 12 x 8,5-10 ml vacutainers (Ø15xL107mm) - No adapters required
> 12 x 2,7-3 ml collection tubes (Ø11xL66mm) - 1 x CCEN-A02-012 and 1 x CCEN-A03-012 required per tube
> 12 x 7,5-8,2 ml collection tubes (Ø15xL92mm) - 1 x CCEN-A02-012 required per tube
Delivers fast acceleration and deceleration (Acceleration: 20 seg / Breaking time: 20 seg). Maintenance-free brushless motor. Pressing and holding PULSE key for quick spin function. Operation can be timed from 30 seconds to 99 minutes or continuous running ('HOLD' position). High strength plastic rotor with CE mark. Sound-alert function. Door interlock, over speed detector, automatic internal diagnosis.
Dimensions: 245 x 255 x 140 mm. 100-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
CCEN-4K5-001	clinical centrifuge DLAB, DM0412 series	1	9101
Spare parts			
CCEN-A01-001	plastic rotor, 4500 rpm, tubes up to 8 x 15 ml or 12 x 10 ml	1	2078
CCEN-A02-012	rotor adapter used with CCEN-A01-001	12	349
CCEN-A03-012	rotor adapter insert for the CCEN-A02-012	12	232

HAEMATOCRIT CENTRIFUGE, DM1424

Used for the determination of erythrocyte fractions in blood, as well as for micro solution separations. It provides haematocrit values (HCT) for biochemistry, immunity, genetics, blood separation and general clinical tests for diagnostic purposes. The rotor speed can be set from 200 rpm to a maximum of 12000 rpm /13680xg. Speed accuracy: ±20 rpm. High-strength aluminium rotor with capacity for 24 capillary tubes. It allows to work continuously or to set the timer from 30 seconds to a maximum of 99 minutes. Fast acceleration and braking (acceleration time: 30 sec / braking time: 30 sec). Maintenance-free brushless motor. Sound alarm function. It also has a lid lock, detection in case of overspeed and detection in case of excess temperature. Dimensions: 364 x 280 x 2274 mm. 200-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
HMSC-12H-001	haematocrit centrifuge DLAB DM1424	1	25374

LOW SPEED MINI CENTRIFUGE, MC5000

Ideal for analysis of samples such as blood and urine. Relative Centrifugal Force (R.C.F.): 2350 xg (increment: 10 xg) and maximum speed (R.P.M.): 5000 (increment: 20 rpm). Speed accuracy: ± 20 rpm. The rotor is designed for a capacity of 6 tubes of 15 / 10 / 7 / 5 ml or 6 tubes of 1,5 / 2 ml (adapters included). Able to store two programs and two deceleration speeds according to requirements. Brushless DC motor quickly and effortlessly accelerates the rotor to the set speed. The timer can be set from 30 seconds to a maximum of 99 minutes. Sound-alert function. There is also door interlock, over speed detection, over-temperature detection and automatic internal diagnosis. External dimensions : 300 x 240 x 180 mm. 110-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
MCEN-L05-001	low speed mini centrifuge, LBX MC5000	1	3600
Spare parts			
MCEN-A08-024	5 ml rotor adapter	1	394
MCEN-A09-024	1,5 / 2 ml rotor adapter	1	394

HIGH SPEED MICRO CENTRIFUGE, D3024

High Speed Micro centrifuge is ideal for biochemical and chemical analysis of microsamples, sedimentation of biological components, etc. Special multi-flow air cooling design with patent ensures fast cooling of the rotor and low energy consumption. Speed can be set from 200 rpm to a max. of 15000 rpm/21380xg. Speed accuracy: ±10 rpm. Unique temperature display, appropriate for gentle handling of sensitive samples. Bio-safe rotor/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination. High strength aluminum allow rotor can be fully autoclaved for unlimited lifespan. 5 rotors and adapters are optional and suitable for frequently used capacities: 24 tubes for 0,2 ml to 2,0 ml, and 18 tubes of 5,0 ml. The rotor included with the centrifuge (HSMC-A01-001) is designed for a capacity of 24 x 1.5/2.0 ml tubes. Quiet running, noise level ≤54 dB. Operation can be timed from 30 seconds to 99 minutes or continuous running. Delivers fast acceleration and deceleration (Acceleration: 25 seg / Breaking time: 25 seg). Maintenance-free brushless DC motor. Sound-alert function. Door interlock, over speed detection and over-temperature detection. Dimensions: 280 x 364 x 266 mm. 100-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
HSMC-15K-001	high speed micro centrifuge DLAB D3024 series	1	20025

The goal of the centrifugation is often to separate the solution components according to their density. The densest component will end up at the bottom of the tube while the less dense part would remain at the top. Usually, we call these parts or phases supernatant (top) and precipitate (it may be solid or liquid).
The supernatant is normally free of precipitate and has a lower density. On the other hand, when the residue at the bottom is solid, it is then called pellet.
Depending on the nature of the assay it may be necessary to recover the supernatant, usually by pipetting or decanting, or the pellet which you recover by removing the supernatant.

HIGH SPEED REFRIGERATED MICRO CENTRIFUGE, D1524R

High Speed Micro centrifuge is ideal for biochemical and chemical analysis of microsamples, sedimentation of biological components, etc. Special multi-flow air cooling design with patent ensures fast cooling of the rotor and low energy consumption. Speed can be set from 200 rpm to a max. of 15000 rpm/21380xg. Speed accuracy: ±10 rpm. Unique temperature display, appropriate for gentle handling of sensitive samples. Bio-safe rotor/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination. Pre-cooling system, the compressor will cool automatically as soon as the set temperature is lower than the room temperature. Temperature range -20 to 40 °C. High strength aluminum allow rotor can be fully autoclaved for unlimited lifespan. 5 rotors and adapters are optional and suitable for frequently used capacities: 24 tubes for 0,2 ml to 2,0 ml, and 18 tubes of 5,0 ml. The rotor included with the centrifuge (HSMC-A01-001) is designed for a capacity of 24 x 1.5/2.0 ml tubes. Quiet running, noise level ≤54 dB. Operation can be timed from 30 seconds to 99 minutes or continuous running. Delivers fast acceleration and deceleration (Acceleration: 25 seg / Breaking time: 25 seg). Maintenance-free brushless DC motor. Sound-alert function. Door interlock, over speed detection and over-temperature detection. Dimensions: 280 x 364 x 266 mm. 100-240 V / 50-60 Hz. Warranty 2 years

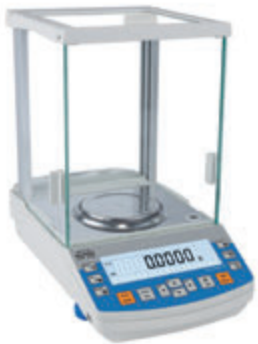
reference	description	pcs/pack	price/pack kr
HSMC-15R-001	refrigerated micro centrifuge DLAB, D1524R series	1	53218

ACCESSORIES FOR HIGH SPEED MICROCENTRIFUGES

Fixed angle rotors and adapters of different sizes for the HSMC-15K-001 and HSMC-15R-001 high speed microcentrifuges

reference	description	pcs/pack	price/pack kr
HSMC-A01-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 24 x 2 ml/1,5 ml	1	3258
HSMC-A02-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 18 x 5 ml	1	3258
HSMC-A03-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 12 x 5 ml eppendorf tube	1	3258
HSMC-A04-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 36 x 0,5 ml	1	3258
HSMC-A05-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 4 x PCR8	1	8401
HSMC-A08-024	2ml to 0.2 ml rotor adapter	24	741
HSMC-A07-024	2ml to 0.5 ml rotor adapter	24	778
HSMC-A06-036	0,5 ml to 0,2 ml rotor adapter, used with HSMC-A04-001	36	1046

"ANALYTICAL AND SEMIMICRO BALANCE, AS PLUS



Analytical balances series AS are in the standard-high segment. The best value for money and features available. Applications: parts counting, specific density, %, below balance weighing, check weighing, GLP procedures, data bases of: users, products, weighments, etc. ALIBI memory. Spacious weighing chamber with easy mounting sytem and antistatic coating option (for scales with an accuracy of 0.01 mg), level indicator. Backlit LCD display. Communication interface: RS-232, 2x USB-A (rear and side), 1 x USB-C (rear), Kensington™ connector and WI-FI optional. 2 versions available: external calibration and internal calibration. External dimensions (L x H x W): 351 x 205,5 x 348 mm. The scale is delivered with an instruction manual, warranty letter, CD with user manual, drivers for connection to a PC and a Quality Test Report. Optional: factory calibration certificate (BAAC-RC2-001) must be ordered together with the scale. Warranty 2 years. 100-240 V / 50-60 Hz. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
With external calibration					
BASP-22E-001	220 g	0,0001 g	Ø 100 mm	1	18712
With internal calibration					
BASP-221-001	60/220 g	0,01/0,1 mg	Ø 90 mm	1	32170
BASP-220-001	220 g	0,0001 g	Ø 100 mm	1	19232
BASP-310-001	310 g	0,0001 g	Ø 100 mm	1	23635

ANALYTICAL BALANCE, PLUS

Metria analytical balances offer excellent stability and sensitivity. Applications : weighing, piece counting, animal/ dynamic weighing, density determination, unit conversion. RS-232C and USB interface. Weighing in: g, mg, ct and oz. Backlit LCD display. Large antistatic glass chamber and stainless steel weighing pan with automatic overload protection system. Tweezers and glove for weight handling are included. Two versions available: external calibration and internal calibration. Dimensions of the balance (L x W x H): 350 x 212 x 322 mm. 100-240 V / 50-60 Hz. Warranty 1 year

reference	capacity	readability	pan size	pcs/pack	price/pack kr
With external calibration					
BAMP-22E-001	220 g	0,0001 g	Ø 90 mm	1	9692
With internal calibration					
BAMP-220-001	220 g	0,0001 g	Ø 90 mm	1	11603

ANTI-STATIC WEIGHING BRUSH

Made of ABS. Synthetic hair

reference	L (mm)	type	pcs/pack	price/pack kr
WBAS-001-001	110	anti-static	1	63

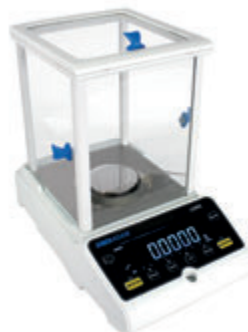
“MOISTURE BALANCE, PMB

Zero adjust facility to enable zero reading. Built-in memories for storing products and settings. 3 settings for heating sample fast ramp up, step and standard Automatic test start setting for when the lid is closed. Quick and easy to configure through the keypad. Large backlit display with dual text prompts and capacity tracker. Large stainless steel pan with lifter to easily remove samples. Lock down mounting slot for Kensington™ type lock and cable. Overload protection RS-232 and USB interface. GLP print outs. Calibration facilities for temperature and weight. External dimensions 250 x 360 x 185 mm. The device is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the device. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BPMB-050-001	50 g	0,001 g / 0.01%	Ø 90 mm	1	20645
BPMB-160-001	160 g	0,001 g / 0.01%	Ø 90 mm	1	25172
BPMB-200-001	200 g	0,01 g / 0.05%	Ø 90 mm	1	18770
Accessories and spare parts					
WPAL-093-100		aluminium pans Ø 93 mm		100	197

“ANALYTICAL BALANCE, LUNA

Applications: weighing, percentage weighing, parts counting, animal/dynamic weighing, density determination, control weighing. USB and RS-232 interfaces. Backlit LCD display. Weighing units: g, mg, ct, GN, N, dr, oz, ozt, dwt, mm, tl.T, tl.H, tl.S, T and one custom unit. GLP print outs (when using the optional printer). Robust ABS housing and stainless steel pan. Draught shield 192 x 195 x 230 mm. External dimensions 224 x 374 x 338 mm.
200-240 V / 50-60 Hz. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack kr
With external calibration					
BALU-08E-001	80 g	0,0001 g	Ø 80 mm	1	16927
BALU-12E-001	120 g	0,0001 g	Ø 80 mm	1	17816
BALU-21E-001	210 g	0,0001 g	Ø 80 mm	1	19255
BALU-25E-001	250 g	0,0001 g	Ø 80 mm	1	21033
With internal calibration					
BALU-080-001	80 g	0,0001 g	Ø 80 mm	1	19610
BALU-120-001	120 g	0,0001 g	Ø 80 mm	1	20500
BALU-210-001	210 g	0,0001 g	Ø 80 mm	1	22019
BALU-250-001	250 g	0,0001 g	Ø 80 mm	1	23862

BALANCE SPOON

Made of 18/8 SS, with rounded edges. To transfer small quantities of material accurately. Autoclavable

reference	L (mm)	pcs/pack	price/pack kr
SPBA-170-003	170	3	113

"PRECISION BALANCE, PS

Applications: parts counting, specific density, %, below balance weighing, check weighing, GLP procedures, data bases of: users, products, weighments, etc. ALIBI memory. Backlit LCD display. The housing is made of plastic, and the pan is made of stainless steel. Includes: removable draft shield (on models with 128 x 128 mm pan only). Communication interface: RS-232, 2x USB and WI-FI optional. 2 versions available: external calibration and internal calibration. External dimensions (L x H x W): 333 x 206 x 100 mm. The scale is delivered with an instruction manual, warranty letter, CD with user manual, drivers for connection to a PC and a Quality Test Report. Optional: factory calibration certificate (BAAC-RC3-001) must be ordered together with the scale. 100-240 V / 50-60 Hz. Warranty 2 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
With external calibration					
BPSC-60E-001	600 g	0,001 g	128 x 128 mm	1	11515
BPSC-75E-001	750 g	0,001 g	128 x 128 mm	1	11952
BPSC-1E0-001	1000 g	0,001 g	128 x 128 mm	1	12969
BPSC-2E0-001	200 / 2000 g	0,001 / 0,01 g	128 x 128 mm	1	13438
BPSC-3E5-001	3500 g	0,01 g	195 x 195 mm	1	11105
BPSC-4E5-001	4500 g	0,01 g	195 x 195 mm	1	11613
BPSC-6E0-001	6100 g	0,01 g	195 x 195 mm	1	12596
With internal calibration					
BPSC-210-001	210 g	0,001 g	128 x 128 mm	1	13201
BPSC-360-001	360 g	0,001 g	128 x 128 mm	1	13224
BPSC-600-001	600 g	0,001 g	128 x 128 mm	1	13495
BPSC-750-001	750 g	0,001 g	128 x 128 mm	1	13732
BPSC-1K0-001	1000 g	0,001 g	128 x 128 mm	1	15207
BPSC-2K0-001	200 / 2000 g	0,001 / 0,01 g	128 x 128 mm	1	15682
BPSC-2K1-001	2100 g	0,01 g	195 x 195 mm	1	13636
BPSC-3K5-001	3500 g	0,01 g	195 x 195 mm	1	13683
BPSC-4K5-001	4500 g	0,01 g	195 x 195 mm	1	13683
BPSC-6K0-001	6100 g	0,01 g	195 x 195 mm	1	14834

PRECISION BALANCE, YPZ

Applications: check weighing, piece counting. LCD display. Robust plastic body and stainless steel pan. High precision load cell sensor. Clear windshell (174 x 135 x 84 mm). Adjustable height feet. Overload protection. Selectable measurement units. Bubble level for correct position adjustment. External calibration. 120-240 V. Warranty 1 year

reference	capacity	readability	pan size	calibration weight	pcs/pack	price/pack kr
BYPZ-300-001	300 g	0,001 g	Ø 90 mm	200 g (included)	1	3535

“PRECISION BALANCE, LUNA

Applications: weighing, percentage weighing, parts counting, animal/dynamic weighing, density determination. USB and RS-232 interfaces. Backlit LCD display. GLP print outs (when using the optional printer). Weighing units: g, mg, ct, GN, oz, ozt, dwt and one custom unit. Robust ABS housing and stainless steel pan. Plastic draught shield (on models with 120 mm pan only). External dimensions 224 x 374 x 219 mm (models with pan size 120 mm), 220 x 374 x 95 mm (other models). The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
With external calibration					
BLNA-22E-001	220 g	0,001 g	Ø 120 mm	1	11123
BLNA-42E-001	420 g	0,001 g	Ø 120 mm	1	12060
BLNA-62E-001	620 g	0,001 g	Ø 120 mm	1	16215
BLNA-82E-001	820 g	0,001 g	Ø 120 mm	1	16959
BLNA-2E6-001	2600 g	0,01 g	185 x 185 mm	1	11123
BLNA-3E6-001	3600 g	0,01 g	185 x 185 mm	1	12060
BLNA-4E6-001	4600 g	0,01 g	185 x 185 mm	1	12998
BLNA-6E0-001	6000 g	0,01 g	185 x 185 mm	1	16021
BLNA-6E1-001	6000 g	0,1 g	185 x 185 mm	1	11123
BLNA-8E0-001	8000 g	0,1 g	185 x 185 mm	1	12060
BLNA-12E-001	12000 g	0,1 g	185 x 185 mm	1	13936
BLNA-15E-001	15000 g	0,1 g	185 x 185 mm	1	16021
With internal calibration					
BLNA-220-001	220 g	0,001 g	Ø 120 mm	1	13564
BLNA-420-001	420 g	0,001 g	Ø 120 mm	1	14518
BLNA-620-001	620 g	0,001 g	Ø 120 mm	1	17541
BLNA-820-001	820 g	0,001 g	Ø 120 mm	1	19416
BLNA-2K6-001	2600 g	0,01 g	185 x 185 mm	1	13564
BLNA-3K6-001	3600 g	0,01 g	185 x 185 mm	1	14518
BLNA-4K6-001	4600 g	0,01 g	185 x 185 mm	1	15455
BLNA-6K0-001	6000 g	0,01 g	185 x 185 mm	1	18479

EC TYPE APPROVAL SCALES AND THE CE M24 STICKER

According to the EU 2014/31/UE and 2009/23/CE directives, balances and scales used in the areas of commerce, health and public administration must be verified. The applications requiring the mandatory use of EC type approval instruments are specified in article 1.2(a) of the Directive and are:
-Determination of mass for commercial transactions
-Determination of mass for the calculation of a toll, tariff, tax, bonus, penalty or similar type of payment
-Determination of mass for the application of laws or regulations and expert opinion given in court proceedings
-Determination of mass in the practice of medicine for the weighing of patients for the purpose of monitoring, diagnosis and medical treatment
-Determination of mass for making up medicines on prescription in a pharmacy and determination of mass in analyses carried out in medical and pharmaceutical laboratories
-Determination of price on the basis of the mass for the purpose of direct sales to the public and the making-up of pre-packages
Balances and scales for which CE conformity has been established according to the above mentioned Directives are identified by a sticker bearing a capital letter ‘M’ printed in black and the last two digits of the year of the marking placement

ADAM

“PRECISION BALANCE, EQUINOX

Ideal for research and quality assurance facilities, science education, precision counting and general laboratory tasks. Applications: check weighing, density, statistics, formulation/recipe, textile, parts counting, percentage weighing, dynamic weighing. Large coloured touch screen display provides intuitive operation with icon-driven menus and accessible applications. Built-in memory for storing products and settings. RS-232 interface. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	chamber dimensions	pcs/pack	price/pack kr
With external calibration						
BEAB-12E-001	120 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	32075
BEAB-22E-001	220 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	34322
BEAB-31E-001	310 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	37426
BEPB-36E-001	360 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	25447
BEPB-72E-001	720 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	33934
BETB-3E2-001	3200 g	0,01 g	185 x 185 mm	N/A	1	25447
BETB-6E2-001	6200 g	0,01 g	185 x 185 mm	N/A	1	33934
BETB-8E2-001	8200 g	0,01 g	185 x 185 mm	N/A	1	41468
With internal calibration						
BEAB-121-001	62/120 g	0,01/0,1 mg	Ø 80 mm	192 x 195 x 230 mm	1	60593
BEAB-221-001	82/220 g	0,01/0,1 mg	Ø 80 mm	192 x 195 x 230 mm	1	68612
BEAB-120-001	120 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	35211
BEAB-220-001	220 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	37426
BEAB-310-001	310 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	40546
BEAB-410-001	410 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	55242
BEAB-510-001	510 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	69501
BEPB-360-001	360 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	29213
BEPB-720-001	720 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	37701
BEPB-1K2-001	1200 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	47126
BEPB-2K1-001	2100 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	60318
BETB-3K2-001	3200 g	0,01 g	185 x 185 mm	N/A	1	29213
BETB-6K2-001	6200 g	0,01 g	185 x 185 mm	N/A	1	37701

HOW TO CHOOSE A SCALE?

1. Capacity: What is the maximum weight that we will need to weigh on the scale?
2. Precision: What level of accuracy do we require in the results?
3. Usage: What is it going to be used for? Is it for pricing, commercial transactions? Where will it be installed?

“PRECISION BALANCE, SOLIS

ADAM

CE

Excellent performance and simple operation for demanding laboratories. Ideal for research and quality assurance facilities, science education, precision counting and general laboratory tasks. Applications: check weighing, parts counting, dynamic weighing, percentage weighing, density, formulation/recipe (stores up to 99 ingredients). High resolution graphic display, simple-use keypad and intuitive features. RS-232 interface. Level indicator and adjustable feet. Multiple languages. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	chamber dimensions	pcs/pack	price/pack kr
With external calibration						
BSAB-12E-001	120 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	25641
BSAB-22E-001	220 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	27807
BSAB-31E-001	310 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	30879
BSPB-36E-001	360 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	21033
BSPB-72E-001	720 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	29003
BSTB-3E2-001	3200 g	0,01 g	185 x 185 mm	-	1	21033
BSTB-6E2-001	6200 g	0,01 g	185 x 185 mm	-	1	29003
BSTB-8E2-001	8200 g	0,01 g	185 x 185 mm	-	1	35228
With internal calibration						
BSAB-121-001	62/120 g	0,01/0,1 mg	Ø 80 mm	192 x 195 x 230 mm	1	41533
BSAB-221-001	82/220 g	0,01/0,1 mg	Ø 80 mm	192 x 195 x 230 mm	1	47417
BSAB-120-001	120 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	28777
BSAB-220-001	220 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	30879
BSAB-310-001	310 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	33870
BSAB-410-001	410 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	47773
BSAB-510-001	510 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	61288
BSPB-360-001	360 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	24137
BSPB-720-001	720 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	32237
BSPB-1K2-001	1200 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	41096
BSPB-2K1-001	2100 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	53722
BSTB-3K2-001	3200 g	0,01 g	185 x 185 mm	-	1	24137
BSTB-6K2-001	6200 g	0,01 g	185 x 185 mm	-	1	32237

WEIGHING PAPER

PRAT DUMAS

In square sheets. 100 % cellulose without binder. Surface weight: 25 g/m²

reference	l (mm)	w (mm)	pcs/pack	price/pack kr
WPPF-100-1K0	100	100	1000	187

"PRECISION BALANCE, WLC

Balances series WLC are designed for fast and precise mass determination in laboratory and industrial conditions. AC power or rechargeable battery operation. RS-232 interface. Stainless steel weighing platform and backlit LCD display. Applications: parts counting, animal/dynamic weighing, check weighing, %, below balance weighing, impact test. 2 versions available: external calibration and internal calibration. External dimensions (L x H x W): 244 x 174 x 88 mm (models with pan size 128 x 128 mm and 195 x 195 mm), 351 x 375 x 87 mm (models with pan size 290 x 360 mm) and 502 x 480 x 103 mm (models with pan size 400 x 500 mm). The scale is delivered with an instruction manual, warranty letter, CD with user manual, drivers for connection to a PC and a Quality Test Report. Optional: factory calibration certificate (BAAC-RC3-001 <60 kg or BAAC-RC4-001 >60 kg) must be ordered together with the scale. 100-240 V / 50-60 Hz. Warranty 2 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
With external calibration					
BWLC-2E0-001	2 kg	0,01 g	195 x 195 mm	1	8308
BWLC-6E0-001	6 kg	0,1 g	195 x 195 mm	1	8387
BWLC-10E-001	10 kg	0,1 g	195 x 195 mm	1	8166
BWLC-20E-001	20 kg	0,1 g	195 x 195 mm	1	8646
BWLC-1QE-001	120 kg	2 g	400 x 500 mm	1	11807
With internal calibration					
BWLC-600-001	600 g	0,01 g	128 x 128 mm	1	9348
BWLC-1K0-001	1 kg	0,01 g	195 x 195 mm	1	9459
BWLC-6K0-001	6 kg	0,1 g	195 x 195 mm	1	9758

"PORTABLE PRECISION BALANCE, HCB

Applications: weighing, %, parts counting, below balance weighing, weight accumulation. RS-232 and USB interfaces. Smart housing design lets you safely stack balances on top of each other for convenient storage. Three-point ShockProtect™ overload protection (allows the balance to withstand up to 200 kg of weight without damaging the weighing mechanism). Internal calibration with built in mass. Lock down mounting slot for Kensington™ type lock and cable. Internal rechargeable battery with auto power off and low-battery indicator. Includes removable draftshield, except BHCB-6K0-001. External dimensions 170 x 245 x 80 mm. 200-240 V / 50-60 Hz. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BHCB-120-001	120 g	0,001 g	Ø 120 mm	1	6687
BHCB-150-001	150 g	0,005 g	Ø 120 mm	1	4762
BHCB-300-001	300 g	0,01 g	Ø 120 mm	1	4762
BHCB-600-001	600 g	0,01 g	Ø 120 mm	1	5115
BHCB-601-001	600 g	0,02 g	Ø 120 mm	1	4762
BHCB-1K0-001	1000 g	0,01 g	Ø 120 mm	1	5776
BHCB-1K5-001	1500 g	0,05 g	Ø 120 mm	1	4762
BHCB-2K2-001	2200 g	0,01 g	Ø 120 mm	1	6864
BHCB-3K0-001	3000 g	0,1 g	Ø 120 mm	1	4762
BHCB-6K0-001	6000 g	0,1 g	Ø 145 mm	1	5526
With EC type approval, **CE M24**					
BHCB-M06-001	600 g	0,01 g	Ø 120 mm	1	6026
BHCB-1M0-001	1000 g	0,01 g	Ø 120 mm	1	7422

COMPACT PORTABLE BALANCE, CBX

ADAM

CE

Portable and easy to use balance, with weighing and part counting function. Robust ABS housing and 148 x 148 mm plate made of 304 stainless steel. External calibration. It operates with a 216 h battery rechargeable via low voltage USB, cable included. It's size and charging mode make it ideal for fieldwork. The bright backlit display makes it easy to read in most lighting conditions. Large digits (18 mm) for quick and easy reading. With adjustable feet and bubble position adjustment for accurate result anywhere. External dimensions 155 x 255 x 60 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 2 years. Product in stock for instant delivery, with certificate, delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BCBX-1K2-001	1200 g	0,1 g	148 x 148 mm	1	1545
BCBX-3K0-001	3000 g	0,5 g	148 x 148 mm	1	1379
BCBX-6K0-001	6000 g	1 g	148 x 148 mm	1	1379

COMPACT PORTABLE BALANCE, CQT

ADAM

CE

Stainless steel pan. Three-point ShockProtect™ overload protection (allows the balance to withstand up to 200 kg of weight without damaging the weighing mechanism). Built in security slot for Kensington™ type lock. Battery powered with 6 x AA batteries or AC adapter. Auto power off to save battery life. Large backlit display is clear and quick to read. Removable draft shield (on models with 120 mm pan only). Smart housing design lets you safely stack balances on top of each other for convenient storage (on models with 120 mm pan only). External dimensions 170 x 245 x 80 mm. 200-240 V / 50-60 Hz. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BCQT-200-001	200 g	0,01 g	Ø 120 mm	1	4028
BCQT-250-001	250 g	0,1 g	Ø 120 mm	1	2329
BCQT-600-001	600 g	0,1 g	Ø 120 mm	1	2855
BCQT-1K5-001	1500 g	0,1 g	Ø 120 mm	1	3625
BCQT-2K6-001	2600 g	0,1 g	Ø 145 mm	1	4028
BCQT-2K0-001	2000 g	1 g	Ø 145 mm	1	2329
BCQT-5K0-001	5000 g	1 g	Ø 145 mm	1	2750

PRECISION BALANCE, YPB

METRIA

CE

Applications: check weighing, piece counting. LCD display. Robust plastic body and big size stainless steel pan. Adjustable height feet. Overload protection. Selectable measure units. External calibration. 110-240 V. Warranty 1 year

reference	capacity	readability	pan size	calibration weight	pcs/pack	price/pack kr
BYPB-600-001	600 g	0,01 g	128 x 157 mm	500 g (included)	1	2307
BYPB-3K0-001	3000 g	0,1 g	145 x 205 mm	2000 g (not included)	1	2307
BYPB-5K0-001	5000 g	0,01 g	145 x 205 mm	5000 g (not included)	1	2716

ADAM

PORTABLE BALANCE, CB

Robust ABS housing with overload protection. Stainless steel pan. Level indicator and adjusting feet. Three weighing units: gram, ounces and pounds. External calibration. Auto power off. Fed with 2 AA batteries or optional 220 V adapter (not included). Dimensions: 160 x 205 x 45 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 2 years. Product in stock for instant delivery, with certificate, delivery in 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BCBC-500-001	500 g	0,1 g	Ø 130 mm	1	841
BCBC-1K0-001	1000 g	0,1 g	Ø 130 mm	1	981
BCBC-3K0-001	3000 g	1 g	Ø 130 mm	1	841
Accessories for CB series					
BCBC-POW-001		power adaptor 220V		1	399

METRIA

POCKET BALANCE METRIA P

Overload and shock protection cover. Tare function. Electronic calibration. Retro illuminated display. Auto power off. Works with 2 x AAA batteries. Dimensions 127 x 79 x 18 mm. Warranty 1 year

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BPOC-200-001	200 g	0,01 g	77 x 66 mm	1	191
BPOC-500-001	500 g	0,1 g	77 x 66 mm	1	191

METRIA

PORTABLE BALANCE METRIA E

Tare function. LCD screen. Battery: 2 x AAA. Auto turn off: 60s. Units: g, kg, oz, ct, lb, tl. Plate dimensions: 100 x100 mm. Includes a transparent plate to weigh liquids and higher dimension objects. Warranty 1 year

reference	capacity	readability	pcs/pack	price/pack kr
POSC-600-001	600 g	0,01 g	1	382
POSC-2K0-001	2000 g	0,1 g	1	328
POSC-3K0-001	3000 g	0,1 g	1	355

METRIA

SPOON BALANCE METRIA P

Tare function. LCD screen. Battery: 2 x AAA. Auto turn off: 60s. Units: g, kg, oz, ct, lb, tl. Body dimensions: 230 x 50 x 25 mm. Spoon dimensions: 60 x 50 x 25 mm

reference	capacity	readability	pcs/pack	price/pack kr
SPSC-500-001	500 g	0,1 g	1	227

INDUSTRIAL SCALES, CM

High weight resolution. Parts counting function. Add weight value manually or automatically. Weight in grams or lb. Output data RS-232C. Big display with backlight. AC adaptor and Internal rechargeable battery. External dimensions: 325 x 330 x 110 mm. 100-240 V / 50-60 Hz. Warranty 1 year. Delivery time 1 week

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BCMS-3K0-001	3 kg	0,1 g	310 x 220 mm	1	4745
BCMS-6K0-001	6 kg	0,2 g	310 x 220 mm	1	4745
BCMS-15K-001	15 kg	0,5 g	310 x 220 mm	1	4745
BCMS-30K-001	30 kg	1 g	310 x 220 mm	1	4745

INDUSTRIAL WASHDOWN SCALES, ABW

Wash down scale (IP67 rated) ideal for food preparation, food processing plants, agricultural facilities and wet environments. Applications: weighing, %, parts counting, check weighing. Double front and rear large backlit LCD with capacity tracker and coloured LED check limit indicators. AC adaptor and Internal rechargeable battery. Large stainless steel pan. 5 weighing units (g, kg, lb, oz, lb-oz). External calibration. External dimensions 255 x 290 x 105 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BABW-4K0-001	4 kg	0,5 g	245 x 180 mm	1	4634
BABW-8K0-001	8 kg	1 g	245 x 180 mm	1	4634
BABW-16K-001	16 kg	2 g	245 x 180 mm	1	4634
BABW-32K-001	32 kg	5 g	300 x 210 mm	1	4634

“INDUSTRIAL WASHDOWN SCALES, GLADIATOR

Wash down scale (IP67 rated) ideal for food preparation, food processing plants, agricultural facilities and wet environments. Applications: weighing, parts counting, percentage weighing, dynamic/animal weighing, check weighing. Internal rechargeable battery with auto-off to save battery life. Large backlit LCD display with capacity tracker and check weighing LED lights to show acceptable limits. Bi-directional RS-232 output for connection to computers and printers. Rugged stainless steel construction. External dimensions 250 x 351 x 575 mm (models with pan size 250 x 250 mm), 300 x 523 x 662 mm (models with pan size 300 x 400 mm), 400 x 605 x 1032 mm (models with pan size 400 x 500 mm), 450 x 702 x 1032 mm (models with pan size 450 x 600 mm). The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BGDT-8K0-001	8 kg	0,2 g	250 x 250 mm	1	11219
BGDT-16K-001	16 kg	0,5 g	250 x 250 mm	1	11219
BGDT-35K-001	35 kg	1 g	250 x 250 mm	1	11219
BGDT-35H-001	35 kg	1 g	300 x 400 mm	1	12731
BGDT-75K-001	75 kg	2 g	300 x 400 mm	1	12731
BGDT-75H-001	75 kg	2 g	400 x 500 mm	1	15463
BGDT-1Q5-001	150 kg	5 g	400 x 500 mm	1	15463
BGDT-1H5-001	150 kg	5 g	450 x 600 mm	1	18025
BGDT-3Q0-001	300 kg	10 g	450 x 600 mm	1	18025

INDUSTRIAL SCALES, CKT

Applications: weighing, parts counting, check weighing, check counting, accumulation of weight, percentage weighing, net total weighing. Ideal for stock control tasks and general weighing. The backlit LCD display changes colour to show if a sample is under, over or within the set limits. Store and recall up to 100 products. RS-232 interface with multi-language, date and time output. ABS housing, stainless steel platform and non-slip feet. Powered by the included AC adapter or internal rechargeable battery. External calibration (except EC type approval models). External dimensions 326 x 355 x 115 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BCKT-4K0-001	4 kg	0,1 g	210 x 300 mm	1	5682
BCKT-8K0-001	8 kg	0,2 g	210 x 300 mm	1	5682
BCKT-8H0-001	8 kg	0,1 g	210 x 300 mm	1	7411
BCKT-8HH-001	8 kg	0,05 g	210 x 300 mm	1	10629
BCKT-16K-001	16 kg	0,5 g	210 x 300 mm	1	5682
BCKT-16H-001	16 kg	0,1 g	210 x 300 mm	1	10629
BCKT-32K-001	32 kg	1 g	210 x 300 mm	1	5682
BCKT-32H-001	32 kg	0,2 g	210 x 300 mm	1	10629
BCKT-48K-001	48 kg	2 g	210 x 300 mm	1	5995
BCKT-48H-001	48 kg	0,5 g	210 x 300 mm	1	8558
With EC type approval, **CE M24**					
BCKT-4M0-001	4 kg	1 g	210 x 300 mm	1	7411
BCKT-8M0-001	8 kg	2 g	210 x 300 mm	1	7411
BCKT-20M-001	20 kg	5 g	210 x 300 mm	1	7411
BCKT-40M-001	40 kg	10 g	210 x 300 mm	1	7411

“INDUSTRIAL SCALES, GFK

Applications: weighing, parts counting, %, dynamic/animal weighing, check weighing, check counting. Easily accessible internal rechargeable battery with auto-off to save battery life. Large backlit LCD display with capacity tracker and check weighing LED lights to show acceptable limits. Parts counting with freely selectable sample sizes. Automatic accumulation. Bi-directional RS-232 output for connection to computers and printers with multi-language print-outs. ABS plastic indicator and stainless steel pan. External dimensions 600 x 950 x 860 mm (BGFK-6Q0-001), 400 x 620 x 860 mm (all other models). The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BGFK-75K-001	75 kg	5 g	400 x 500 mm	1	7839
BGFK-75H-001	75 kg	1 g	400 x 500 mm	1	11327
BGFK-1Q5-001	150 kg	10 g	400 x 500 mm	1	7839
BGFK-1H5-001	150 kg	2 g	400 x 500 mm	1	11327
BGFK-3Q0-001	300 kg	20 g	400 x 500 mm	1	7839
BGFK-6Q0-001	600 kg	50 g	600 x 800 mm	1	11620

INDUSTRIAL SCALES, LBX

Applications: weighing, parts counting, percentage weighing, check weighing. Backlit LCD display. Amber, green and red LEDs to indicate if a sample is under, within or over the present limits. Fast and stable in 1 second. Powered by the included AC adapter or internal rechargeable battery (up to 240 hours, rechargeable with a USB cable and Euro plug). ABS housing, stainless steel platform and non-slip feet. External calibration. External dimensions 255 x 290 x 105 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BLBX-3K0-001	3 kg	0,5 g	245 x 180 mm	1	3752
BLBX-6K0-001	6 kg	1 g	245 x 180 mm	1	3752
BLBX-12K-001	12 kg	2 g	245 x 180 mm	1	3752
BLBX-30K-001	30 kg	5 g	245 x 180 mm	1	3752

"INDUSTRIAL SCALES, GBK

Applications: weighing, check weighing, parts counting, check counting, percent weighing, dynamic/animal weighing. Backlit green display with 20 mm digits and capacity tracker. Full numeric keypad and colour coded keys. AC adaptor and Internal rechargeable battery. RS232 interface with multi-language, date and time output. ABS plastic indicator, stainless steel pan and die-cast aluminum base. Weighing units: g, kg. External calibration. External dimensions 300 x 520 x 680 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack kr
BGBK-8K0-001	8 kg	0,1 g	300 x 400 mm	1	7207
BGBK-16K-001	16 kg	0,5 g	300 x 400 mm	1	6836
BGBK-32K-001	32 kg	1 g	300 x 400 mm	1	6836
BGBK-60K-001	60 kg	2 g	300 x 400 mm	1	6836
BGBK-12Q-001	120 kg	5 g	300 x 400 mm	1	6836

RADWAG CALIBRATION CERTIFICATE

Must be ordered together with the balance. At the time of purchase the applicant's data must be stated so that it appears on the document. Otherwise, the certificate will be issued in the name of the manufacturer. The document includes the serial number of the instrument and the results of the calibration tests carried out at the factory

reference	description	pcs/pack	price/pack kr
BAAC-RC2-001	for AS PLUS series	1	4253
BAAC-RC3-001	for PS and WLC series under 60 kg	1	2558
BAAC-RC4-001	for WLC series over 60 kg	1	3196

ADAM CALIBRATION CERTIFICATE

Must be ordered together with the balance. At the time of purchase the applicant's data must be stated so that it appears on the document. Otherwise, the certificate will be issued in the name of the buyer. The document includes the serial number of the instrument and the results of the calibration tests carried out at the factory

reference	description	pcs/pack	price/pack kr
BAAC-CAL-001	for all Adam scales series	1	1383

DENSITY DETERMINATION KIT

The density determination kit consists of an apparatus which allows the user to weigh a sample in air and then weigh the same sample in water or any other liquid with a known density. The software in the balance takes the operator through the process and finally displays the resulting density on the LCD in g/cm³, compensating for temperature and for the use of alternative fluids when calculating the density of solids. Delivery time 10 - 20 days

reference	description	pcs/pack	price/pack kr
BAAC-A26-001	for series AS	1	8507
BAAC-A27-001	for series PS (models with readability 1 mg only)	1	8507
BAAC-A28-001	for series PS (models with readability 0,01 g only)	1	8507

THERMAL PRINTER FOR BALANCES

A general purpose thermal tally roll printer specifically designed to work with the Adam series balances. Preset to work with the default RS-232 interface found on the Adam balances. Easy to use with only an On/Off switch and a paper feed button. Paper width: 57.5 mm. 200-240 V / 50-60 Hz. Warranty 2 years. Delivery time: 10 - 20 days

reference	description	pcs/pack	price/pack kr
BAAC-A57-001	thermal printer for series PMB, LUNA, EQUINOX, SOLIS, HCB, GLADIATOR, CKT, GFK and GBK	1	6221
BAAC-A23-001	thermal paper toll for printer BAAC-A57-001	1	277
BAAC-A08-001	RS-232 cable for series EQUINOX, SOLIS, LUNA y CKT	1	609

“ANTI-VIBRATION TABLE

Designed for use in the laboratory or metrology room to provide suitable working conditions for devices that are sensitive to vibrations and shocks. Table dimensions: 770 x 680 x 815 mm. Easy to set up, light weight mild steel. Adjustable levelling feet to take care of uneven floor. Scratch-proof top slab to avoid surface damage and marble finish (dimensions: 410 x 270 x 115 mm). Delivery time 20 days. Warranty 2 years

reference	description	pcs/pack	price/pack kr
BAAC-A24-001	anti-vibration table, RADWAG	1	15734

“ANTI-VIBRATION TABLE

The table is composed of two independent structures, one assembled inside another. The interior structure is made of cold rolled steel tube and finished in epoxy-polyester paint. This structure integrates the silentbock system, on which four marble stones are placed to ensure the absence of vibrations. The surface is topped in compact phenolic Trespa Toplab, which will form the anti-vibration zone. The outer structure is also composed of cold-rolled steel and epoxy-polyester paint, on which falls the work surface of compact phenolic Trespa Toplab. As this structure is completely independent, the vibrations are not transmitted to the interior structure. Dimensions of the table: 900 x 750 x 900 mm. Includes a leveling system to save soil irregularities. Delivery time: 2 weeks

reference	description	pcs/pack	price/pack kr
AVTW-001-001	anti-vibration table, INBAUTEK	1	29065

WEIGHING FUNNEL

Made of borosilicate glass 3.3

reference	capacity	pcs/pack	price/pack kr
WFU3-003-002	3 ml	2	387
WFU3-006-002	6 ml	2	451
WFU3-010-002	10 ml	2	515

"ENAC CALIBRATION CERTIFICATE FOR WEIGHTS

Delivered by a laboratory approved by ENAC under ISO 17025 standards, recognized by similar accreditation bodies in 50 countries, such as COFRAC (France), DKD (Germany) or UKAS (UK). The laboratory issues calibration certificates for the weights in digital format. Note: Company data are mandatory for issuing a certificate. Delivery time 10 days

reference	description	pcs/pack	price/pack kr
Calibration of new weights			
CERW-E01-001	for M1 weights (1mg up to 20 kg)	1	909
CERW-E03-001	for F1 weights (1mg up to 10 kg)	1	909
CERW-E07-001	for E2 weights (1mg up to 500 g)	1	1397
CERW-E05-001	for complete set of 12 weight fractions of gram class F1 or M1	1	7783

PRECISION WEIGHT, STAINLESS STEEL, CLASS M1

Individual case included. According to OIML R-111 recommendations. Certificate not included

reference	type	pcs/pack	price/pack kr
WM1B-001-001	1 g ± 1,0 mg	1	211
WM1B-002-001	2 g ± 1,2 mg	1	211
WM1B-005-001	5 g ± 1,5 mg	1	222
WM1B-010-001	10 g ± 2,0 mg	1	222
WM1B-020-001	20 g ± 2,5 mg	1	267
WM1B-050-001	50 g ± 3,0 mg	1	267
WM1B-100-001	100 g ± 5,0 mg	1	400
WM1B-200-001	200 g ± 10 mg	1	400
WM1B-500-001	500 g ± 25 mg	1	667
WM1B-1K0-001	1000 g ± 50 mg	1	1112
WM1B-2K0-001	2000 g ± 100 mg	1	1690

METRIA

PRECISION WEIGHT, STAINLESS STEEL, CLASS F1

Individual case included. According to OIML R-111 recommendations. Certificate not included

reference	type	pcs/pack	price/pack kr
WF1S-001-001	1 g ± 0,10 mg	1	305
WF1S-002-001	2 g ± 0,12 mg	1	305
WF1S-005-001	5 g ± 0,15 mg	1	305
WF1S-010-001	10 g ± 0,20 mg	1	407
WF1S-020-001	20 g ± 0,25 mg	1	457
WF1S-050-001	50 g ± 0,30 mg	1	610
WF1S-100-001	100 g ± 0,50 mg	1	712
WF1S-200-001	200 g ± 1,0 mg	1	813
WF1S-500-001	500 g ± 2,5 mg	1	1118
WF1S-1K0-001	1000 g ± 5 mg	1	2388
WF1S-2K0-001	2000 g ± 10 mg	1	3049
WF1S-5K0-001	5000 g ± 25 mg	1	5438

METRIA

PRECISION WEIGHT, STAINLESS STEEL, CLASS E2

Individual case included. According to OIML R-111 recommendations. Certificate not included

reference	type	pcs/pack	price/pack kr
WE2S-001-001	1 g ± 0,03 mg	1	844
WE2S-002-001	2 g ± 0,04 mg	1	844
WE2S-005-001	5 g ± 0,05 mg	1	844
WE2S-010-001	10 g ± 0,06 mg	1	844
WE2S-020-001	20 g ± 0,08 mg	1	1013
WE2S-050-001	50 g ± 0,10 mg	1	1143
WE2S-100-001	100 g ± 0,16 mg	1	1280
WE2S-200-001	200 g ± 0,3 mg	1	1600
WE2S-500-001	500 g ± 0,8 mg	1	3108
WE2S-1K0-001	1000 g ± 1,6 mg	1	4160
WE2S-2K0-001	2000 g ± 3 mg	1	7222

METRIA

PRECISION WEIGHTS, MADE OF BLACK CAST IRON, CLASS M1

According to OIML R-111. Individual case and certificate not included

reference	type	pcs/pack	price/pack kr
WM1M-5K0-001	5000 g ± 250 mg	1	1487
WM1M-10K-001	10000 g ± 500 mg	1	2028
WM1M-20K-001	20000 g ± 500 mg	1	3380

PRECISION WEIGHTS FULL SET WEIGHT < 1 g, CLASS M1

Case with 12 fractions. According to OIML R-111 recommendations. Certificate not included. For weights of 2, 20 and 200 mg, 2 units are included

METRIA

reference	type	pcs/pack	price/pack kr
WM1J-001-001	1, 2 (x2), 5, 10, 20 (x2), 50, 100, 200 (x2) and 500 mg	1	869

PRECISION WEIGHTS FULL SET WEIGHT < 1 g, CLASS F1

Case with 12 fractions. According to OIML R-111 recommendations. Certificate not included. For weights of 2, 20 and 200 mg, 2 units are included

METRIA

reference	type	pcs/pack	price/pack kr
WF1J-001-001	1, 2 (x2), 5, 10, 20 (x2), 50, 100, 200 (x2) and 500 mg	1	1417

WEIGHING PAN, ALUMINUM

Also used in moisture determination process

reference	$Ø_{top}$ (mm)	$Ø_{int}$ (mm)	h (mm)	pcs/pack	price/pack kr
WPAL-056-050	59	56	7	50	63
WPAL-072-100	74	72	7	100	139
WPAL-093-100	98	93	7	100	197
WPAL-071-100	84	71	15	100	158
WPAL-050-100	66	50	24	100	143

WEIGHING PAN, POLYSTYRENE, WHITE

Anti-static, square or rhomboid shape

astiK's

reference	capacity (ml)	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
WPAP-041-500	7	7,5	41	41	square shape	500	322
WPAP-089-500	100	24	89	89	square shape	500	581
WPAP-140-500	250	22	140	140	square shape	500	1074
WPAP-058-250	5	6	58	36	rhomboid shape	250	239
WPAP-059-250	30	14	59	83	rhomboid shape	250	326
WPAP-099-125	100	20	99	124	rhomboid shape	125	521

WEIGHING PAN, POLYSTYRENE, BLACK

Anti-static, square or rhomboid shape

astiK's

reference	capacity (ml)	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack kr
WPAN-044-250	7	9	44	44	square shape	250	246
WPAN-080-250	100	24	80	80	square shape	250	572
WPAN-135-250	250	24	135	135	square shape	250	1354
WPAN-058-250	5	6	58	36	rhomboid shape	250	253
WPAN-059-250	30	14	59	83	rhomboid shape	250	362
WPAN-099-125	100	20	99	124	rhomboid shape	125	558

COMPACT MAGNETIC STIRRER WITHOUT HEATING, S01, 0,8 L

Ultra-flat. Speed adjustable between 15 and 1500 rpm. Capacity: 0,8 L. Can reverse direction of rotation. Housing made of ABS, chemically resistant. For magnetic bars up to 40 mm (not included). Dimension of work plate (mm): 90 x 90. Slip-proof and stable. External dimensions (L x W x H): 175 x 120 x 15 mm. 200-240 V / 50-60 Hz, high insulation rating IP65 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIS-000-001	magnetic stirrer LBX S01 series, 0.8 L	1	1897

MAGNETIC STIRRER WITHOUT HEATING, BASIC, 1,5 L

Ultra silent and vibration-free design. Speed adjustable between 300 and 2000 rpm. Capacity: 1,5 L. For magnetic bars up to 40 mm (not included). Dimension of work plate: Ø120mm. PET top provides excellent chemical resistance. Brushless DC motor, maintenance free. External dimensions (L x W x H): 145 x 150 x 50 mm. 200-240 V / 50-60 Hz, protection class IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIS-00B-001	magnetic stirrer LBX BASIC series, 1,5 L	1	956

MAGNETIC STIRRER WITHOUT HEATING, S03, 3 L

Speed adjustable between 0 and 1500 rpm. Capacity: 3 L. Housing made of ABS with fire retardant material; withstands weak acids and alkalis. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 50 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 206 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIS-003-001	magnetic stirrer, LBX S03 series, 3 L	1	1693

DIGITAL MAGNETIC STIRRER WITHOUT HEATING, S03D, 3 L

Speed adjustable between 200 and 1500 rpm. Capacity: 3 L. Housing made of ABS with fire retardant material; withstands weak acids and alkalis. LED display for set and actual speeds. Microprocessor control technology guarantees speed control accuracy. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 50 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 260 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIS-D03-001	magnetic stirrer, LBX S03D series, 3 L	1	2034

MAGNETIC STIRRER WITHOUT HEATING, S20, 20 L

Speed adjustable between 0 and 1500 rpm. Capacity: 20 L. Ceramic coated plate. Motor with electronic speed control, constant speed even during changes in load. High magnetic adhesion, preventing the stirrer bar from escaping. DC brushless motor guarantees long service. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIS-020-001	magnetic stirrer LBX S20 series, 20 L	1	4286

MAGNETIC MINI-STIRRER WITH HEATING UP TO 320 °C, H01, 2 L

Epoxy resin housing and aluminum plate with aluminum heating plate with dimensions 120 x 120 mm. Stirring speed adjustable between 100 and 2000 rpm. Temperature adjustable up to 320 °C on plate. Capacity: 2 L. Electric motor power: 10 W, heating power: 180 W. Includes aluminum rod and retort clamp for thermometer holding. External dimensions (L x W x H): 200 x 120 x 90 mm. 230 V / 50 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-001-001	magnetic mini-stirrer LBX H01 series, 2 L	1	1897

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 280 °C, H03D, 3 L

Housing made of ABS with fire retardant material; withstands weak acids and alkalis. Ceramic coated hotplate. LED display for temperature and speed. Stirring speed adjustable between 200 and 1500 rpm. Temperature adjustable up to 280 °C on plate. Capacity: 3 L. Heating power: 515 W. Optional: external temperature sensor Pt1000 allows a real-time temperature control (accuracy ±0,5°C). HOT warning indicates residual hotplate temperature. DC brushless motor, maintenance free. For beakers with Ø < 135 mm and magnetic bars up to 50 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 260 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-D03-001	magnetic stirrer LBX H03D series, 3 L	1	3600

MAGNETIC STIRRER WITH HEATING UP TO 340 °C, H20, 20 L

Ceramic coated hotplate. Stirring speed adjustable between 0 and 1500 rpm. Temperature adjustable up to 340 °C on plate. Heating power: 530 W. Separated safety circuit, automatically stopping heating when temperature goes over 350 °C. Capacity: 20 L. Motor with electronic speed control, constant speed even during changes in load. High magnetic adhesion, preventing the stirrer bar from escaping. DC brushless motor, maintenance free. For beakers with Ø < 135 mm and magnetic bars fromt 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-020-001	magnetic stirrer LBX H20 series, 20 L	1	4458

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 340 °C, H20D+, 20 L

Three heating modes: fast, standard and stable. Ceramic coated hotplate. Stirring speed adjustable between 100 and 1500 rpm. Temperature adjustable up to 340 °C on plate. Capacity: 20 L. Heating power: 600 W. PID temperature technology allows a very precise control of the heating process, reaching quickly the target temperature and enhancing control accuracy. LCD display for temperature and speed. Separated safety circuits, automatically stopping heating when temperature goes over 420 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000 that allows a real-time temperature control (accuracy ±0,2°C). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor, maintenance free. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 80 mm long. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-D21-001	magnetic stirrer, LBX H20D+ series, 20 L with sensor Pt1000 included	1	7201

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 340 °C, MS-H-PRO^{T}, 20 L

Ceramic coated hotplate. Stirring speed adjustable between 100 and 1500 rpm. Temperature adjustable up to 340 °C on plate. Timer (1min – 99h 59 min). Capacity: 20 L. Heating power: 550 W. PID temperature technology allows a very precise control of the heating process, reaching quickly the target temperature and enhancing control accuracy. LCD display for temperature, timing and that shows both the real and set speeds. Separated safety circuits, automatically stopping heating when temperature goes over 360 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000 that allows a real-time temperature control (accuracy ±0,2°C). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor, maintenance free. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. RS232 interface and free StirPC software. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
NSTH-T20-001	magnetic stirrer, Onilab MS-H-Pro^{T} series, 20 L with sensor Pt1000 included	1	8231

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 550 °C, H20SQC, 10 L

Glass Ceramic hotplate, dimensions 184x184 mm. Stirring speed adjustable between 0 and 1500 rpm. Temperature adjustable up to 550 °C on plate. Capacity: 10 L. Heating power: 1030 W. LED display that shows both the real and set speeds. Separated safety circuits, automatically stopping heating when temperature goes over 580 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000, that allows a real-time temperature control. Support clamp for temperature sensor STIH-A04-001 not included. For magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 360 x 215 x 112 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-G20-001	magnetic stirrer LBX H20SQC series, 10 L with sensor Pt1000 included	1	7201

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 550 °C, MS7-H550-PRO, 20L

Glass Ceramic heating plate of 184×184 mm. Stirring speed adjustable between 100 and 1500 rpm (resolution ± 1 rpm). Temperature adjustable up to 550 °C on plate. Capacity: 20 L. Heating power: 1050 W. PID temperature technology allows a very precise control of the heating process, reaching quickly the target temperature and enhancing control accuracy. LCD display that shows the temperature (±0,1°C) as well as the set and actual speed. Separated safety circuits, automatically stopping heating when temperature goes over 580 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000 that allows a real-time temperature control (accuracy ±0,2°C). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor, maintenance free. For magnetic bars from 30 mm up to 80 mm long. Supplied with a magnetic bar. External dimensions (L x W x H): 360 x 215 x 112 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
NSTH-550-001	magnetic stirrer Onilab MS7-H550-Pro series, 20 L with sensor Pt1000 included	1	9432

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 500 °C, H30SQC, 30 L

Glass Ceramic heating plate of 254×254 mm. Stirring speed adjustable between 100 and 1500 rpm (resolution ±1 rpm). Temperature adjustable up to 500 °C on plate. Capacity: 30 L. Heating power: 1350 W. LCD display that shows the temperature (±0,1 °C) as well as the set and actual speed. Separated safety circuits, automatically stopping heating when temperature goes over 540 °C. HOT warning indicates residual hotplate temperature, even if switched off. Optional: external temperature sensor Pt1000 that allows a real-time temperature control (accuracy ±0,2 °C). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor maintenance free. For magnetic bars from 30 mm up to 80 mm long. Supplied with a magnetic bar. External dimensions (L x W x H): 328 x 424 x 138 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-G30-001	magnetic stirrer LBX H30SQC series, 30 L	1	12954

ACCESSORIES FOR MAGNETIC STIRRERS

Pt1000 temperature sensor with and without glass coating, support clamp for temperature sensor and protective cover with temperature resistance of 135°C

reference	description	pcs/pack	price/pack kr
STIH-A00-001	Pt1000 (L=230 mm) compatible with H03D, H20D+, H20SQC, H30SQC, MS-H-ProT, MS7-H550-Pro and HP550-S	1	1272
STIH-A01-001	Pt1000 with glass coating (L=230 mm) compatible with H03D, H20D+, H20SQC, H30SQC, MS-H-ProT, MS7-H550-Pro, HP550-S and MS-H380-Pro	1	1581
STIH-A02-001	support clamp for temperature sensor - compatible with H03D	1	581
STIH-A04-001	support clamp for temperature sensor - compatible with H20D+, H20SQC, H30SQC, MS-H-ProT, MS7-H550-Pro and HP550-S	1	514
STIH-A05-001	protective cover for H20 and H20D+	1	220

MULTI-POSITION MAGNETIC STIRRER WITHOUT HEATING, S04X10, 10 POSITIONS

High-performance magnetic stirrer with 10 stirring positions that benefits laboratory space. Speed adjustable between 0 and 1100 rpm. Capacity per position: 0,4 L. Stainless steel plate with silicone film, anti-slip and anti-corrosion. Homogenous stirring for all positions (same speed). DC brushless motor, maintenance free. Dimension of work plate: 180 x 450 mm. For magnetic bars up to 40 mm long. Supplied with one PTFE magnetic bar. External dimensions (L x W x H): 552 x 182 x 65 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIS-100-001	multi-position magnetic stirrer LBX S04X10 series, 10 positions, 0,4 L per position	1	12954

MULTI-POSITION MAGNETIC STIRRER WITH HEATING, H04X10, 10 POSITIONS

High-performance magnetic stirrer with 10 stirring positions that benefits laboratory space. Temperature adjustable up to 120 °C on plate, producing a maximum fluid temperature of 70 °C (depending on the type of container). Speed adjustable between 0 and 1100 rpm. Capacity per position: 0,4 L. Stainless steel plate with silicone film, anti-slip and anti-corrosion. Homogenous stirring for all positions (same speed and heating). DC brushless motor, maintenance free. Dimension of work plate: 180 x 450 mm. For magnetic bars up to 40 mm long. External dimensions (L x W x H): 622 x 182 x 65 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DINEN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
STIH-100-001	multi-position magnetic stirrer with heating LBX H04X10 series, 10 positions, 0,4 L per position, 120°C	1	21431

MULTI-POSITION MAGNETIC STIRRER WITH HEATING, H10X04, 4 POSITIONS

High-performance magnetic stirrer with 4 stirring positions that benefits laboratory space. Temperature adjustable up to 340 °C on plate. Speed adjustable between 200 and 1500 rpm. Capacity per position: 10 L. Ceramic-coated hotplates. Stirring and temperature adjustable on each plate independently. DC brushless motor, maintenance free. Dimension of the work plates: 4 x 135 mm. For magnetic bars up to 40 mm long. External dimensions (L x W x H): 698 x 270 x 128 mm. 200-240 V / 50-60 Hz, insulation rating IP20. Warranty 2 years

reference	description	pcs/pack	price/pack kr
MSTH-410-001	multi-position magnetic stirrer with heating LBX H10X04 series	1	21774

ALUMINUM REACTION BLOCKS

Made of aluminum, to hold round bottom flasks on top of stirrers and hotplates. Hole for thermometer of Ø 6 mm

reference	capacity	$Ø_{base}$ (mm)	$Ø_{top}$ (mm)	h (mm)	pcs/pack	price/pack kr
RBLO-050-001	50 ml	103	53	28,5	1	1127
RBLO-100-001	100 ml	115	65	34,5	1	1208
RBLO-250-001	250 ml	138	88	46	1	1772
RBLO-500-001	500 ml	160	110	57	1	2617

DIGITAL OVERHEAD STIRRER, OS20 / OS40 SERIES

Vertical rotation stirrer with speed regulation between 50 and 2200 rpm. Used for stirring beakers and other bottles by a stick (not included, see accessories) fixed in the shaft. To fix it, you will require a retort stand and a bosshead (not included). LED displays actual speed. Anti-spill system. Overload protection, motor would automatically stop in case of continuous overload. Separated safety circuits, automatically cut off the circuit in abnormal conditions. Compatible with Ø 6 – 10 mm stirring rods. DC brushless motor, maintenance free. External dimensions (L x W x H): 186 x 83 x 220 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years. It is recommended to combine with retort stand: RTSP-250-001 and bosshead: BOSH-001-001

reference	description	pcs/pack	price/pack kr
STIV-020-001	overhead stirrer LBX OS20 series, cap: 20 L, 10000 mPas, 70 W	1	7030
STIV-040-001	overhead stirrer LBX OS40 series, cap: 40 L, 50000 mPas, 130 W	1	11835

DIGITAL OVERHEAD STIRRER, OS40-PRO

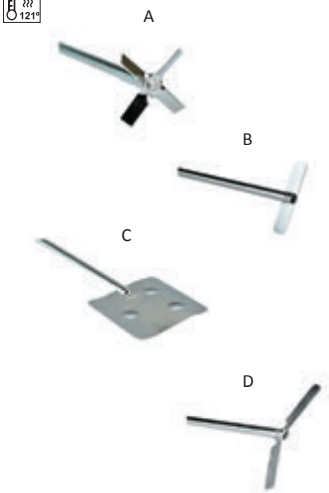
Vertical rotation stirrer with speed regulation between 50 and 2200 rpm with automatic strength correction to maintain the desired speed depending on the sample resistance, maximum agitation capacity of 40L, maximum viscosity of 50.000 mPas and power of 130 W. Used for stirring beakers and other bottles by a stirring bar (not included, see accessories) fixed in the shaft. To fix it, you will require a retort stand and a bosshead (not included). LCD screen displays programmed speed, real speed and torque (Ncm) to see the changes in viscosity. Anti-spill system. Overload protection, motor would automatically stop in case of continuous overload. Separated safety circuits, automatically cut off the circuit in abnormal conditions. Compatible with Ø 6 – 10 mm stirring rods. DC brushless motor, maintenance free. External dimensions (L x W x H): 186 x 83 x 220 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years. Must be combined with STIV stirring bars and it is recommended to combine with retort stand: RTSP-250-001 and bosshead: BOSH-001-001

reference	description	pcs/pack	price/pack kr
NSTV-040-001	overhead stirrer OS40-Pro series, cap: 40 L, 50000 mPas, 130 W	1	13363

STIRRING BARS FOR OS20, OS40 AND OS40-PRO SERIES

Stirring bars (Ø 8 mm) compatible with LBX OS20, LBX OS40 and Onilab OS40-Pro with the following available shapes: Crossed stirrer: Standard stirring element used at medium and high speeds **(A)**. Straight stirrer: Ideal for the mixing of low viscosity media at medium and high speeds **(B)**. Blade stirrer: Ideal for samples that need gentle processing at low and medium speeds **(C)**. Centrifugal stirrer: Ideal for stirring in round vessels with narrow necks **(D)**. Available in 316L stainless steel or PTFE coated

reference	description	pcs/pack	price/pack kr
316L stainless steel stirring bars			
STIV-A05-001	crossed stirrer, shaft length 40 cm, stirrer Ø 5 cm (A)	1	182
STIV-A06-001	straight stirrer, shaft length 40 cm, stirrer Ø 6 cm (B)	1	491
STIV-A07-001	blade stirrer, shaft length 40 cm, stirrer Ø 6.8 cm (C)	1	491
STIV-A08-001	centrifugal stirrer, shaft length 40 cm, stirrer Ø 9 cm (D)	1	491
PTFE coated stirring bars			
STIV-A09-001	crossed stirrer, shaft length 35 cm, stirrer Ø 6.5 cm	1	745
STIV-A10-001	straight stirrer, shaft length 35 cm, stirrer Ø 7 cm	1	745
STIV-A11-001	blade stirrer, shaft length 35 cm, stirrer Ø 6.8 cm	1	745
STIV-A12-001	centrifugal stirrer, shaft length 35 cm, stirrer Ø 8.5 cm	1	745



VORTEX STIRRER, WITH SPEED CONTROL, V05

Electronic adjustment of speed between 0 and 2500 rpm. Two function mode: continuous operation or short-time operation by pressure over the head. Different applications thanks to the adapters (optional). Standard top for Ø < 30 mm tubes and small vessels, VORX-A03-001, delivered with the stirrer. Optional: adapters and non-slip platform for tubes (they require the VORX-A04-001 support, not included). External dimensions (h x Ø x w): 130 x 160 x 127 mm. High stability due to the specially designed vacuum suction feet, preventing the unit to move. 200-230 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
VORX-005-001	vortex stirrer LBX V05 series	1	2252
Accessories and spare parts			
VORX-A03-001	standard holder for < Ø 30 mm tubes	1	112
VORX-A04-001	universal top plate for tubes adaptators or non-slip platform Ø 100 mm	1	242
VORX-A06-001	tension rod (to be used with tube adapters)	1	707
VORX-A07-001	rubber vacuum suction foot with screw	1	37
Adapters			
VORX-A41-001	tube adapter for 48 holes test tubes, Ø 6 mm	1	394
VORX-A51-001	tube adapter for 15 holes test tubes, Ø 10 mm	1	346
VORX-A61-001	tube adapter for 12 holes test tubes, Ø 12 mm	1	315
VORX-A71-001	tube adapter for 8 holes test tubes, Ø 16 mm	1	315
VORX-A81-001	tube adapter for 8 holes test tubes, Ø 20 mm	1	315
VORX-A05-001	non-slip platform pad for tubes (Ø < 99 mm)	1	74

MINI VORTEX STIRRER, WITHOUT SPEED CONTROL, V03

Small footprint and compact structure. Touch function. Fixed speed of 3000 rpm. Orbital diameter of 5.5 mm. Excellent mixing capability. Maximum test tube size: Ø30 mm. Patented design of foot pad can hold the vortex mixer firmly in place when mixing. Total dimensions (Ø x h): 100 x 78 mm. Low operation voltage (12 V) for full protection. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
VORX-003-001	mini Vortex stirrer LBX V03 series	1	1686

ROTATOR STIRRER, RR80

Provides smooth but effective motion to reach a homogeneous mixture. Compact space-saving design fits easily in the incubator. Control speed regulation between 0 and 80 rpm. Fix mixing angle: 90°. Continuous operation type. Includes plastic clips for fixing 1,5 ml, 15 ml and 50 ml tubes (12 clips of each size). External dimensions (L x W x H): 150 x 530 x 190 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
MIXS-005-001	rotator stirrer LBX RR80 series	1	3600
Spare parts			
MIXS-A15-012	12 plastic clips for fixing 1.5 ml centrifuge tubes	12	63
MIXS-A25-012	12 plastic clips for fixing 15 ml centrifuge tubes	12	83
MIXS-A35-012	12 plastic clips for fixing 50 ml centrifuge tubes	12	103

ROTATOR STIRRER, MX-RL-PRO

Provides smooth but effective motion to reach a homogeneous mixture. Digital LCD screen that shows speed and timer (1 - 1199 min). Control speed regulation between 10 and 70 rpm. Includes platform for 16 tubes of 50 ml held vertically MIXS-A43-001. External dimensions (L x W x H): 220 x 510 x 260 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
NMIX-005-001	rotator stirrer, Onilab MX-RL-Pro	1	12367
Accessories and spare parts			
MIXS-A13-001	platform for 48 tubes of 1,5 ml held horizontally	1	2046
MIXS-A53-001	platform for 48 tubes of 15 ml held horizontally	1	1829
MIXS-A33-001	platform for 24 tubes of 50 ml held horizontally	1	1829
MIXS-A23-001	platform for 32 tubes of 1,5 ml held vertically	1	1860
MIXS-A63-001	platform for 16 tubes of 15 ml held vertically	1	1703
MIXS-A43-001	platform for 16 tubes of 50 ml held vertically	1	1703

TUBE ROLLER, VARIABLE SPEED, 6 ROLLERS, TR06

It provides smooth motion but effective to obtain a homogeneous mixture. Speed regulation between 0 and 70 rpm. Six rollers easy to clean. Roller size (L): 280 mm. Continuous operation. DC brushless motor, maintenance free. Can be used in cold rooms or in incubators. External dimensions (L x W x H): 490 (incl. plug 550) x 250 x 100 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
MIXS-002-001	tube Roller LBX TR06 series, 6 rollers	1	4163

ROTATOR STIRRER WITH CAROUSEL TYPE DESIGN, RD80

It provides smooth motion but effective to obtain a homogeneous mixture. The rotator comes with a carousel type design. Compact space-saving design fits easily in the incubator. Control speed regulation between 0 and 80 rpm. Fix mixing angle: 90°. Continuous operation type. Includes plastic clips for fixing 1,5 ml, 15 ml and 50 ml tubes (12 clips of each size). External dimensions (L x W x H): 300 x 220 x 310 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
MIXS-006-001	rotator stirrer with carousel type design LBX RD80 series	1	3600
Spare parts			
MIXS-A16-012	12 plastic clips for fixing 1.5 ml centrifuge tubes	12	64
MIXS-A26-012	12 plastic clips for fixing 15 ml centrifuge tubes	12	83
MIXS-A36-012	12 plastic clips for fixing 50 ml centrifuge tubes	12	103

ROTATOR STIRRER WITH CAROUSEL TYPE DESIGN, MX-RD-PRO

Provides smooth but effective motion to reach a homogeneous mixture. Compact space-saving design fits easily in the incubator. Digital LCD screen that shows speed and timer (1 - 1199 min). Control speed regulation between 10 and 70 rpm. Adjustable tilt angle between 0 and 90°. Includes disk type platform for 8 tubes of 50 ml MIXS-A34-001. Option to connect multiple platforms with MIXS-A44-004 disk supporting rods. External dimensions (L x W x H): 280 x 210 x 300 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
NMIX-006-001	rotator stirrer with carousel type design, Onilab MX-RD-Pro	1	10630
Accessories and spare parts			
MIXS-A14-001	disk type platform for 60 tubes of 1,5 ml	1	2050
MIXS-A24-001	disk type platform for 16 tubes of 15 ml	1	1045
MIXS-A34-001	disk type platform for 8 tubes of 50 ml	1	986
MIXS-A44-004	disk support rods to connect two platforms	1	473

MICROPLATE MIXER, MM1500

Universal microplate mixer suitable for tubes and 96-well microplates. Adapter for 1 microplate supplied with the stirrer (see other accessories). Speed regulation between 0 and 1500 rpm. Continuous operation. DC brushless motor, maintenance free. External dimensions (L x W x H): 260 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
MIXS-001-001	microplate mixer LBX MM1500 series	1	4027
Accessories and spare parts			
MIXS-A11-001	adapter for 1 microplate, speed range: 0 - 1500 rpm	1	102
MIXS-A21-001	adapter for 2 microplates, speed range: 0 - 1000 rpm	1	111
MIXS-A31-001	universal top plate (round) for tube adapters	1	111
Adapters			
MIXS-A41-001	for 48 test tubes, Ø 6 mm	1	361
MIXS-A51-001	for 15 test tubes, Ø 10 mm	1	318
MIXS-A61-001	for 12 test tubes, Ø 12 mm	1	289
MIXS-A71-001	for 8 test tubes, Ø 16 mm	1	289
MIXS-A81-001	for 8 test tubes, Ø 20 mm	1	289

ORBITAL SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, ORB-B2

Two LED screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 40 and 200 rpm. Orbital diameter of 20 mm. 268 x 268 mm workplate. Load capacity of 2 kg. DC Brushless motor, maintenance free. Dimensions (W x D x H): 294 x 348 x 123 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years

reference	description	pcs/pack	price/pack kr
SHKB-201-001	basic orbital shaker, LBX Orb-B2	1	2400

ROCKING SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, ROC-B1

Two LED screens that show time and speed. Timer function (1 min - 19 h 59 min). Speed adjustable between 10 and 80 rpm. Rocking motion angle of 7°. 268 x 268 mm workplate. Load capacity of 2 kg. DC Brushless motor, maintenance free. Dimensions (W x D x H): 294 x 348 x 123 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years

reference	description	pcs/pack	price/pack kr
SHKB-R80-001	basic rocking shaker, LBX Roc-B1	1	2400

ORBITAL SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, ORB-PRO

Two LCD screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 100 and 500 rpm. Orbital diameter of 10 mm. Load capacity of 7.5 kg. DC Brushless motor, maintenance free. The device includes a SHKP-A02-001 universal accessory with 4 bars and can be combined with a non-slip platform. It allows to install a second non-slip platform vertically with the accessory SHKU-A01-001. Dimensions (W x D x H): 370 x 420 x 100 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years

reference	description	pcs/pack	price/pack kr
SHKP-500-001	orbital shaker, LBX Orb-Pro	1	12516

LINEAR SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, LIN-PRO

Two LCD screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 100 and 350 rpm. Lineal amplitude of 10 mm. Load capacity of 7,5 kg. DC Brushless motor, maintenance free. The device includes a SHKP-A02-001 universal accessory with 4 bars and can be combined with a non-slip platform (check accessories). It allows to install a second non-slip platform vertically with the accessory SHKU-A01-001. Dimensions (W x D x H): 370 x 420 x 100 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years

reference	description	pcs/pack	price/pack kr
SHKP-35L-001	Linear shaker, LBX Lin-Pro	1	12516

3D SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, 3D-PRO

Two LCD screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 10 and 70 rpm. Tilt angle of 9°. Load capacity of 5 kg. The device includes a SHKP-A01-001 non-slip platform and can be combined with a universal accessory of 4 bars (check accessories). It allows to install a second non-slip platform vertically with the accessory SHKU-A01-001. Dimensions (W x D x H): 360 x 430 x 106 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years

reference	description	pcs/pack	price/pack kr
SHKP-R70-001	3D shaker, LBX 3D-Pro	1	12516

ACCESSORIES AND SPARE PARTS FOR PRO SHAKERS

Non-slip platform and universal accessory with 4 bars for the Pro shakers. Compatible with the SHKP-500-001, SHKP-35L-001 and SHKP-R70-001 shakers

reference	description	pcs/pack	price/pack kr
SHKP-A01-001	non-slip platform 30 x 28,5 cm	1	1490
SHKP-A02-001	universal accessory with 4 bars	1	1886
SHKP-A03-001	replacement bar for SHKP-A02-001	1	54

PLATFORM AND CLIPS FOR SHAKERS

To be combined with SHKP-500-001/SHKP-35L-001/SHKP-R70-001 shakers. They require the fixation platform SHKP-A00-001. The SHKU-A01-001 connectors are used for connecting two non-slip platforms, one on top of the other

reference	description	pcs/pack	price/pack kr
SHKP-A00-001	clip fixation platform for SHKP	1	1054
SHKU-025-001	clip for 25 ml Erlenmeyer (28 max.)	1	134
SHKU-050-001	clip for 50 ml Erlenmeyer (16 max.)	1	134
SHKU-100-001	clip for 100 ml Erlenmeyer (16 max.)	1	134
SHKU-250-001	clip for 200/250 ml Erlenmeyer (9 max.)	1	238
SHKU-500-001	clip for 500 ml Erlenmeyer (4 max.)	1	257
SHKU-A01-001	connectors for double non-slip platform	1	581

MAGNETIC STIRRING BAR, OCTAHEDRAL

Fully encapsulated with high-grade PTFE. For containers with bases that are slightly curved or uneven

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGO-013-005	8	13	5	130
MAGO-015-005	8	15	5	130
MAGO-022-005	8	22	5	162
MAGO-025-005	8	25	5	162
MAGO-028-005	8	28	5	178
MAGO-038-005	8	38	5	207
MAGO-051-005	10	51	5	350
MAGO-075-005	13	75	5	624
30 units "Saving package"				
MAGO-013-030	8	13	30	684
MAGO-015-030	8	15	30	721
MAGO-022-030	8	22	30	889
MAGO-025-030	8	25	30	889
MAGO-028-030	8	28	30	1070
MAGO-038-030	8	38	30	1178
MAGO-051-030	10	51	30	1842
MAGO-075-030	13	75	30	3286

MAGNETIC STIRRING BAR, CYLINDRICAL

Fully encapsulated with high-grade PTFE. General purpose stirrer for a wide variety of applications

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGC-006-005	3	6	5	118
MAGC-008-005	3	8	5	132
MAGC-010-005	6	10	5	108
MAGC-012-005	4,5	12	5	107
MAGC-015-005	4,5	15	5	114
MAGC-615-005	6	15	5	145
MAGC-620-005	6	20	5	124
MAGC-020-005	7	20	5	154
MAGC-625-005	6	25	5	135
MAGC-025-005	8	25	5	158
MAGC-630-005	6	30	5	149
MAGC-730-005	7	30	5	175
MAGC-030-005	8	30	5	185
MAGC-635-005	6	35	5	180
MAGC-040-005	8	40	5	186
MAGC-045-005	8	45	5	214
MAGC-050-005	8	50	5	224
MAGC-060-005	10	60	5	293
MAGC-070-005	10	70	5	381
MAGC-080-005	10	80	5	436
30 units "Saving package"				
MAGC-006-030	3	6	30	619
MAGC-008-030	3	8	30	694
MAGC-010-030	6	10	30	613
MAGC-012-030	4,5	12	30	564
MAGC-015-030	4,5	15	30	599
MAGC-615-030	6	15	30	757
MAGC-020-030	7	20	30	810
MAGC-620-030	6	20	30	651
MAGC-025-030	8	25	30	931
MAGC-625-030	6	25	30	707
MAGC-630-030	6	30	30	778
MAGC-730-030	7	30	30	919
MAGC-030-030	8	30	30	971
MAGC-635-030	6	35	30	941
MAGC-040-030	8	40	30	981
MAGC-045-030	8	45	30	1196
MAGC-050-030	8	50	30	1346
MAGC-060-030	10	60	30	1761
MAGC-070-030	10	70	30	2230
MAGC-080-030	10	80	30	2602

MAGNETIC STIRRING BAR, OCTAHEDRAL, COLOURED

For use where identification is important. Coloured PTFE coating which is not as inert and pure as PTFE

reference	Ø (mm)	h (mm)	color	pcs/pack	price/pack kr
MAGK-R13-005	8	13	red	5	169
MAGK-B13-005	8	13	blue	5	169
MAGK-Y13-005	8	13	yellow	5	169
MAGK-R22-005	8	22	red	5	236
MAGK-B22-005	8	22	blue	5	236
MAGK-Y22-005	8	22	yellow	5	236
MAGK-R38-005	8	38	red	5	286
MAGK-B38-005	8	38	blue	5	286
MAGK-Y38-005	8	38	yellow	5	286
MAGK-R51-005	8	51	red	5	329
MAGK-B51-005	8	51	blue	5	329
MAGK-Y51-005	8	51	yellow	5	329
MAGK-R75-005	13	75	red	5	755
MAGK-B75-005	13	75	blue	5	755
MAGK-Y75-005	13	75	yellow	5	755

MAGNETIC STIRRING BAR, CROSSHEAD

Fully encapsulated with high-grade PTFE. Designed for use with tube-like containers

reference	Ø (mm)	h (mm)	pcs/pack	price/pack kr
MAGZ-010-001	10	8	1	40
30 units "Saving package"				
MAGZ-010-030	10	8	30	1049

MAGNETIC STIRRING BAR, OVAL

Fully encapsulated with high-grade PTFE. For use in round bottomed flasks

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGV-020-005	10	20	5	245
MAGV-025-005	12	25	5	331
MAGV-030-005	16	30	5	406
MAGV-035-005	16	35	5	526
MAGV-040-005	20	40	5	646
MAGV-050-005	20	50	5	1003
30 units "Saving package"				
MAGV-020-030	10	20	30	1288
MAGV-025-030	12	25	30	1741
MAGV-030-030	16	30	30	2133
MAGV-035-030	16	35	30	2767
MAGV-040-030	20	40	30	3396
MAGV-050-030	20	50	30	5273

MAGNETIC STIRRING BAR, PLAIN

Fully encapsulated with high-grade PTFE. Similar to cylindrical ones but more effective at low rpm

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGP-012-005	3	12	5	90
MAGP-025-005	8	25	5	124
MAGP-040-005	8	40	5	153
MAGP-050-005	8	50	5	200
30 units "Saving package"				
MAGP-012-030	3	12	30	473
MAGP-025-030	8	25	30	703
MAGP-040-030	8	40	30	848
MAGP-050-030	8	50	30	1124

MAGNETIC STIRRING BAR, TRIANGULAR

Fully encapsulated with high-grade PTFE. Particularly effective for dissolving solids and mixing sediments because of their scraper-like action

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGT-012-005	6	12	5	143
MAGT-025-005	8	25	5	169
MAGT-035-005	9	35	5	241
MAGT-040-005	14	40	5	290
MAGT-050-005	12	50	5	333
30 units "Saving package"				
MAGT-012-030	6	12	30	859
MAGT-025-030	8	25	30	931
MAGT-035-030	9	35	30	1448
MAGT-040-030	14	40	30	1737
MAGT-050-030	12	50	30	1995

MAGNETIC STIRRING BAR, MICRO

Fully encapsulated with high-grade PTFE. Designed for use with the smallest containers

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGM-002-010	2	2	10	258
MAGM-003-010	3	3	10	258
MAGM-005-010	2	5	10	266
MAGM-007-010	2	7	10	201
MAGM-008-010	1,5	8	10	232

MAGNETIC STIRRING BAR, GIANT

Pivot ring shape. Fully encapsulated with high-grade PTFE. Designed for use with the biggest containers

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGG-057-001	24	57	1	426
MAGG-108-001	24	108	1	569
MAGG-159-001	24	159	1	853

STIRPACK 1: 12 CYLINDRICAL MAGNETIC STIRRING BAR SET

Contains stirring bars of (ØxL): 3 x 8, 6 x 10, 4,5 x 12, 4,5 x 15, 7 x 20, 8 x 25 (2 pcs), 8 x 30 (2 pcs), 8 x 40, 8 x 45 and 10 x 60 mm

reference	description	pcs/pack	price/pack kr
MAGS-PK1-012	StirPack 1: 12 cylindrical stirring bars	12	412

STIRPACK 2: 12 OCTAHEDRAL MAGNETIC STIRRING BAR SET

Contains stirring bars of (ØxL): 8 x 13 (2 pcs), 8 x 25 (3 pcs), 8 x 38 (3 pcs), 10 x 51 (2 pcs) and 13 x 75 (2 pcs) mm

reference	description	pcs/pack	price/pack kr
MAGS-PK2-012	StirPack 2: 12 octahedral stirring bars	12	577

STIRPACK 3: 17 ASSORTED MAGNETIC STIRRING BAR SET

Contains stirring bars of (ØxL): 3 x 8, 6 x 10, 4,5 x 12, 7 x 20, 8 x 25 (2 pcs), 8 x 30 (2 pcs), 8 x 40, 8 x 50 y 10 x 70. 4 octahedrical ones (ØxL): 8 x 25, 8 x 38, 10 x 51y 13 x 75. 2 oval ones (ØxL): 10 x 20 and 16x30 mm

reference	description	pcs/pack	price/pack kr
MAGS-PK3-017	StirPack 3: 17 assorted stirring bars	17	742

MAGNET RETRIEVER, PTFE

Moulded in pure FDA approved PTFE. Autoclavable

reference	Ø (mm)	l (mm)	pcs/pack	price/pack kr
MAGR-150-001	10	150	1	229
MAGR-250-001	10	250	1	280
MAGR-350-001	10	350	1	318

BUNSEN BURNER WITH TAP

Bunsen with tap and flame stabilizer. Nickel-plated brass tube 11 mm diameter x 130 mm height (BUNS-P01-001 and BUNS-PC1-001: 11 mm diameter x 150 mm height). Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection

reference	type	pcs/pack	price/pack kr
BUNS-B01-001	for LPG, standard connection	1	443
BUNS-BC1-001	for LPG, 1/4" male thread connection	1	529
BUNS-N01-001	for natural gas, standard connection	1	443
BUNS-NC1-001	for natural gas, 1/4" male thread connection	1	529
BUNS-P01-001	polygas, standard connection	1	515
BUNS-PC1-001	polygas, 1/4" male thread connection	1	620

SEKUR-FLAM BURNER

Bunsen with tap and flame stabilizer. Designed with a security valve to stop the gas if there is any accidental flame turn off. Security valves are approved and delivered with CE conformity certificate according to EU directive UE 2016/426. Nickel-plated brass tube 11 mm diameter x 130 mm height (BUNS-P02-001 and BUNS-PC2-001: 11 mm diameter x 150 mm height). Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection

reference	type	pcs/pack	price/pack kr
BUNS-B02-001	for LPG, standard connection	1	1328
BUNS-BC2-001	for LPG, 1/4" male thread connection	1	1299
BUNS-N02-001	for natural gas, standard connection	1	1328
BUNS-NC2-001	for natural gas, 1/4" male thread connection	1	1299
BUNS-P02-001	polygas, standard connection	1	1353
BUNS-PC2-001	polygas, 1/4" male thread connection	1	1458

SEKUR-FLAM BURNER WITH PIEZOELECTRIC LIGHTING

Bunsen with tap, flame stabilizer and piezoelectric lighting. Designed with a security valve to stop the gas if there is any accidental flame turn off. Security valves are approved and delivered with CE conformity certificate according to EU directive UE 2016/426. Nickel-plated brass tube 11 mm diameter x 130 mm height. Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection

reference	type	pcs/pack	price/pack kr
BUNS-B03-001	for LPG, standard connection	1	1593
BUNS-BC3-001	for LPG, 1/4" male thread connection	1	1608
BUNS-N03-001	for natural gas, standard connection	1	1593
BUNS-NC3-001	for natural gas, 1/4" male thread connection	1	1608

MEKER BURNER WITH GRID AND TAP

OMM

Meker burners with grid, screw tap and air regulator. Nickel-plated brass tube 15 mm diameter x 140 mm height. Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection

reference	type	pcs/pack	price/pack kr
BUNS-BM1-001	for LPG, standard connection	1	1138
BUNS-BMC-001	for LPG, 1/4" male thread connection	1	1213
BUNS-NM1-001	for natural gas, standard connection	1	1138
BUNS-NMC-001	for natural gas, 1/4" male thread connection	1	1213

ALCOHOL BURNER

LBG

Made of glass, includes one wick, with a plastic cap and a removable metal seal

reference	type	pcs/pack	price/pack kr
ALBN-060-001	60 ml	1	29
ALBN-150-001	150 ml	1	41
ALBN-250-001	250 ml	1	53
"Saving package"			
ALBN-060-006	60 ml	6	157
ALBN-150-006	150 ml	6	220
ALBN-250-006	250 ml	6	285
Spare parts			
ALBN-WI1-010	wicks for 60 ml alcohol burner	10	18
ALBN-WI2-010	wicks for 150 ml and 250 ml alcohol burners	10	51

PIEZOELECTRIC LIGHTER

To light Bunsen burner. Rechargeable

reference	type	pcs/pack	price/pack kr
LIGH-002-001	gas	1	99

BASIC HEATING PLATE, HP-B1

lbx

Basic heating plate for occasional heating, not suitable for continuous use at maximum power. Regulable power (5 positions). 230 V / 50 Hz. Warranty 2 years

reference	power	pan size	pcs/pack	price/pack kr
HEAB-1K4-001	1500 W	ø 185 mm	1	291

BASIC HEATING PLATE, JECE1233 AND CE220

Basic heating plate for occasional heating, not suitable for continuous use at maximum power. Regulable power (5 positions). Overheating protection. 230 V / 50 Hz. Warranty 2 years

reference	number of plates	power	pan size	model	pcs/pack	price/pack kr
HEAB-1K7-001	1	1500 W	Ø 187 mm	JECE1233	1	787
HEAB-1K8-001	2	1500 / 750 W	Ø 187 / 157 mm	CE220	1	1019

ONiLAB

HEATING PLATE WITH DIGITAL SCREEN, HP550-S

Can support long time continuous work. Glass ceramic heating plate of 184 x 184 mm. Temperature adjustable up to 550 °C (5 °C increments). Digital screen that shows the temperature (±1 °C). Includes an external temperature sensor PT1000 that allows a real-time temperature control. Support clamp for temperature sensor STIH-A04-001not included. Heating power: 1000 W. Separated safety circuits, automatically stopping heating when temperature goes over 580 °C. HOT warning indicates residual hotplate temperature, even if switched off. External dimensions (L x W x H): 360 x 215 x 112 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
NHOT-550-001	heating plate Onilab HP550-S with sensor Pt1000 included	1	6515

labkem

SILICONE OIL FOR HEATING BATHS

Stable at heating and withstanding high temperatures (-50 +200°C). High chemical stability, low evaporation and low variation of viscosity with temperature

reference	type	package	price/pack kr
SOIL-100-1K0	LBSil 100	1 L	562
SOIL-100-5K0	LBSil 100	5 L	2773

THERMOSTATIC BATHS, WB01

Metal housing with an exterior metallic structure covered with epoxy (anti-rust treatment) and stainless steel interior chamber. Digital temperature regulation from room temperature 5 °C up to 100°C (Resolution: 1 °C). Continuous mode or programed periods with acoustic signal at the end of the selected time. Timer from 1 min. up to 9999 min. Double digital display temperature and time. Acoustic signal indicates overheating of the bath. “Perforated shelf” accessory, removable lid with holes (11 cm) and reduction rings (8 and 5 cm) included. Drainage hose (except model TWBA-001-001). 220 V ± 10%, 50-60 Hz ± 1. Warranty 2 years

reference	capacity	power (W)	holes	bath /useable dimensions (l x w x h)	pcs/pack	price/pack kr
TWBA-001-001	3 L	400	1	150 x 135 x 150 / 100 mm	1	2935
TWBA-002-001	6,1 L	500	2	300 x 135 x 150 / 100 mm	1	3535
TWBA-004-001	14,6 L	1000	4	325 x 300 x 150 / 100 mm	1	4300
TWBA-006-001	22,5 L	1500	6	500 x 300 x 150 / 100 mm	1	5337

THERMOSTATIC BATH, WB-PRO

Durable stainless steel chamber and transparent lid. Digital temperature regulation from room temperature + 5 °C up to 99 °C (Resolution: 0,1 °C). Precise temperature control (accuracy ± 0,5 °C). Continuous mode or programmed periods with acoustic signal at the end of the selected time (stores three temperature presets). Timer from 1 min. up to 999 min. LED display of temperature and time, user-friendly touch keys. Dry-start protection feature for improved safety. Over-temperature cut-off and alarm. 200-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	power (W)	holes	useful dimensions (l x w x h)	pcs/pack	price/pack kr
TWBE-001-001	2 L	200	1	115 x 130 x 150 mm	1	4443
TWBE-002-001	5 L	450	2	280 x 130 x 150 mm	1	6787

THERMOSTATIC BATH WITH SHAKING, WB-S

Metal housing with an exterior metallic structure covered with epoxy (anti-rust treatment). Tank and upper cover of stainless steel. Polyurethane insulation layer. Platform with elastic springs that can hold different container sizes. Digital temperature regulation from room temperature 5 °C up to 100 °C (Resolution: 0,1 °C). Reciprocal oscillation amplitude: 16 mm. Reciprocating frequency range: 20-180 rpm (± 1 rpm). Silent mechanism. Continuous mode or programed periods with acoustic signal at the end of the selected time. Timer from 1 min. up to 9999 min. Digital screen that shows temperature, speed and time. Overtemperature alarm. Drainage hose. 220 V ± 10%; 50-60 Hz. Waranty 2 years

reference	capacity	power (W)	internal dim. l x w x h))	external dim. (l x w x h)	pcs/pack	price/pack kr
TWBS-031-001	31 L	1500	500 x 310 x 200 mm	828 x 360 x 425 mm	1	20966

TRANSPARENT THERMOSTATIC BATH, WB-T

Shell, interior and cover made of high-quality transparent plastics that allow to clearly see the object to be heated. Lid and rack included. Digital temperature regulation from RT+5 °C up to 100 °C (Resolution 1 °C). Can work in continuous mode or programmed by a digital timer (1-9999 min). Double digital display for temperature and time. Overtemperature alarm. Rack for 48 tubes of up to 18 mm diameter. 220 V ± 10%; 50-60 Hz ± 1. Warranty 2 years

reference	capacity	power (W)	internal dim. l x w x h))	external dim. (l x w x h)	pcs/pack	price/pack kr
TWBT-009-001	8,2 L	800	280 x 220 x 150 mm	400 x 260 x 190 mm	1	3522
Accessories and spare parts						
TWBT-A01-001			test tube rack and resistance cover for LBX WB-T		1	440
TWBT-A02-001			top cover for LBX WB-T		1	220

MINI ULTRASONIC BATH WITH TIMER, WITHOUT HEATING, ULTR SMALL

Designed for cleaning small laboratory objects. Lid and basket included. 0,8 L stainless steel bath resistant to water and digital screen for the timing view. Frequency: 40 kHz. Timer: 0-30 min. 220-240 V / 50-60 Hz. Warranty 2 yearsWarranty 2 years

reference	capacity	ultrasound power	bath dim. l x w x h))	basket dim. (l x w x h)	pcs/pack	price/pack kr
ULTR-0L8-001	0,8 L	50 W	150 x 85 x 65 mm	135 x 70 x 40 mm	1	1570

HEATED ULTRASONIC BATH WITH TIMER, ULTR

Stainless steel body and bath resistant to water. Lid and basket included. Digital screen that shows temperature and timing. Temperature control (adjustable from RT to 80 °C). Timer: 0-30 min. Frequency: 40 kHz. The 6,5 L – 30 L models have a drainage valve. Replacement baskets available on the website. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ultrasound power	bath dim. l x w x h))	basket dim. (l x w x h)	pcs/pack	price/pack kr
ULTR-2L0-001	2 L	80 W	150 x 135 x 100 mm	130 x 110 x 70 mm	1	3167
ULTR-3L2-001	3,2 L	120 W	240 x 135 x 100 mm	210 x 110 x 50 mm	1	4627
ULTR-6L5-001	6,5 L	180 W	300 x 150 x 150 mm	270 x 115 x 110 mm	1	8995
ULTR-10L-001	10 L	240 W	300 x 240 x 150 mm	260 x 200 x 90 mm	1	12462
ULTR-15L-001	15 L	360 W	330 x 300 x 150 mm	290 x 260 x 90 mm	1	14455
ULTR-30L-001	30 L	600 W	500 x 300 x 200 mm	450 x 260 x 120 mm	1	18032

DIGITAL DRY BATH, HDB120 SERIES

Dry heating system by metal blocks of 150 x 95 mm. Temperature adjustable up to 120°C (accuracy ±0,5°C). Two function mode: continuous or timed operation (1'- 99h59'). Heating power: 160 W. LED display for temperature and time. Heating block for 40 tubes of 1,5/2 ml delivered with the dry bath (DHDB-B03-001). Different applications thanks to a variety of interchangable blocks (not included). Over temperature protection. External dimensions (L x W x H): 290 x 175 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack kr
DHDB-120-001	digital dry bath, LBX HDB120 series	1	6544
Heating block			
DHDB-B01-001	for 54 tubes of 0,2 ml (Øhole: 6,4 mm, depth: 15 mm)	1	1992
DHDB-B02-001	for 40 tubes of 0,5 ml (Øhole: 8,2 mm, depth: 26,4 mm)	1	1992
DHDB-B03-001	for 40 tubes of 1,5/2 ml (Øhole: 11 mm, depth: 34,7 mm)	1	1992
DHDB-B04-001	for 28 tubes of 5/15 ml (Øhole: 17 mm, depth: 48 mm)	1	1992
DHDB-B05-001	for 8 tubes of 50 ml (Øhole: 29,8 mm, depth: 29,8 mm)	1	1992
DHDB-B06-001	for 96 or 384 microplate	1	1992

DIGITAL THERMOSTATIC BLOCK WITH SHAKING, HCM100-PRO

Excellent mixing and temperature control to ensure reproducible results. Wide range of applications, such us gene synthesis and purifications, protein and gene denaturation, enzymatic reaction, bacterial growth, etc. Compatible with a wide range of tubes (includes DTBW-A02-001, rest of blocks are not included). Mixing frequency: 200-1500 rpm. Max. heating temperature: 100 °C, Max. cooling temperature: RT-15 °C. Heating: 5,5 °C/min, cooling: 5 °C/min and 0,5 °C/min under room temperature. Temperature control accuracy: ±0,5 °C. Temperature uniformity: Max. ±0,5 °C. Mixing orbit: 3 mm. Programmable in multiple steps (up to 9 programs can be saved). Overtemperature protection: 150 °C. Dimensions: 200 x 235 x 120 mm. Weight: 7,3 kg. 200-240 V, 50-60 Hz, 200 W. Warranty 2 years

reference	description	pcs/pack	price/pack kr
DTBW-100-001	digital thermostatic block with shaking, DLAB HCM100-Pro	1	25082
Accessories and spare parts			
DTBW-A01-001	adapter block, 24 x 0,5mL, 1500rpm, Ø x depth: 8,1 x 26 mm	1	2572
DTBW-A02-001	adapter block, 24 x 1,5mL, 1500rpm, Ø x depth: 10,9 x 30,8 mm	1	2572
DTBW-A03-001	adapter block, 24 x 2mL, 1500rpm, Ø x depth: 10,9 x 30,8 mm	1	2572
DTBW-A04-001	adapter block, 8 x 5mL, 1500rpm, Ø x depth: 13,6 x 42 mm	1	3772
DTBW-A05-001	adapter block, 8 x 15mL, 800rpm, Ø x depth: 6,5 x 80 mm	1	5143
DTBW-A06-001	adapter block, 4 x 50mL, 600rpm, Ø x depth: 29,6 x 80 mm	1	4286
DTBW-A07-001	well plate adapter	1	2572
DTBW-A08-001	adapter block for PCR, 96 x 0,2mL, 1500rpm	1	2572

HEATING MANTLE, HM01 SERIES

Heating mantle with electronic temperature regulation for distillation, digestion, evaporation, extraction and boiling. Maximum mantle temperature of 450 °C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Continuous operation. Fast, uniform and safety temperature regulation. Featured by anti-corrosion, age-resistant, durable and safe. Easy to operate. Includes aluminum rod and retort clamp for thermometer holding. 220 V / 50 Hz. Warranty 2 years

reference	capacity	power (W)	Ø x h (mm)	pcs/pack	price/pack kr
HEAM-051-001	50 ml	80	200 x 160	1	1133
HEAM-101-001	100 ml	100	200 x 160	1	1297
HEAM-251-001	250 ml	150	200 x 160	1	1338
HEAM-501-001	500 ml	250	200 x 160	1	1420
HEAM-1K1-001	1000 ml	350	260 x 200	1	1693
HEAM-2K1-001	2000 ml	450	300 x 230	1	2034

HEATING MANTLE WITH DIGITAL SCREEN, HM01-D

Heating mantle with electronic temperature regulation. External temperature sensor Pt100 allows real-time temperature control through the digital screen. Maximum mantle temperature of 450°C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Continuous operation. Fast, uniform and safe temperature regulation. Includes aluminum rod, retort clamp and a Pt100 temperature sensor. 220 V / 50 Hz. Warranty 2 years

reference	capacity	power (W)	Ø x h (mm)	pcs/pack	price/pack kr
HMAD-100-001	100 ml	100	200 x 160	1	1911
HMAD-250-001	250 ml	150	200 x 160	1	2020
HMAD-500-001	500 ml	250	200 x 160	1	2129
HMAD-1K0-001	1000 ml	350	260 x 200	1	2457
HMAD-2K0-001	2000 ml	450	300 x 230	1	2648
Accessories and spare parts					
HMAD-A01-001	Pt100 temperature sensor			1	628
HMAD-A02-001	PTFE protective sleeve for temperature probe Pt100			1	287

HEATING MANTLE WITH STIRRING, HM02

Heating mantle with electronic temperature regulation and magnetic stirring. Speed range: 0 - 1400 rpm. Maximum mantle temperature of 450 °C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Heating and stirring can be used simultaneously. Continuous operation. Fast, uniform and safety temperature regulation. Includes stirring magnet, aluminum rod and retort clamp for thermometer holding. 220 V / 50 Hz. Warranty 2 years

reference	capacity	power (W)	Ø x h (mm)	pcs/pack	price/pack kr
MSHM-100-001	100 ml	100	200 x 160	1	2280
MSHM-250-001	250 ml	150	200 x 160	1	2389
MSHM-500-001	500 ml	250	200 x 160	1	2471
MSHM-1K0-001	1000 ml	350	260 x 200	1	2880
MSHM-2K0-001	2000 ml	450	300 x 230	1	3576

HEATING MANTLE WITH STIRRING AND DIGITAL SCREEN, HM02-D

Heating mantle with electronic temperature regulation and magnetic stirring. External temperature sensor Pt100 allows real-time temperature control through the digital screen. Speed range: 0 - 1600 rpm. Maximum mantle temperature of 450 °C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Heating and stirring can be used simultaneously. Continuous operation. Fast, uniform and safety temperature regulation. Includes stirring magnet, aluminum rod, retort clamp and a Pt100 temperature sensor. 220 V / 50 Hz. Warranty 2 years

reference	capacity	power (W)	Ø x h (mm)	pcs/pack	price/pack kr
HMSD-100-001	100 ml	100	200 x 160	1	2664
HMSD-250-001	250 ml	150	200 x 160	1	2744
HMSD-500-001	500 ml	250	200 x 160	1	2867
HMSD-1K0-001	1000 ml	350	260 x 200	1	3262
HMSD-2K0-001	2000 ml	450	300 x 230	1	3931
Accessories and spare parts					
HMAD-A01-001	Pt100 temperature sensor			1	628
HMAD-A02-001	PTFE protective sleeve for temperature probe Pt100			1	287

HEATING MANTLE, MULTI-ROW, HMM1

Electronic temperature regulation for each position. Maximum mantle temperature of 450°C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Continuous operation. Fast, uniform and safety temperature regulation. Featured by anti-corrosion, age-resistant, durable and safe. Easy to operate. Includes aluminum rod and retort clamp for montages. 220V/50Hz. Warranty 2 years

reference	capacity	positions	power (W)	external dimensions (L x W x H)	pcs/pack	price/pack kr
MRHM-254-001	250 ml	4	150	610 x 160 x 170 mm	1	3590
MRHM-256-001	250 ml	6	150	940 x 160 x 170 mm	1	5091
MRHM-504-001	500 ml	4	250	690 x 180 x 180 mm	1	3822
MRHM-506-001	500 ml	6	250	1060 x 180 x 180 mm	1	5446

HEATING MANTLES

Heating mantles are essential laboratory devices used to **apply controlled heat** to glassware such as round-bottomed flasks during **chemical reactions, distillations, and other processes**.

When selecting a heating mantle, an important factor to consider is the **size compatibility with the vessel**. Only vessels with an adequate size guarantee a safe and homogenous heating process, as the heat transfer is based on direct contact between the surface of the heating mantle and the vessel.

A reliable heating mantle offers **efficient heating, durability, ease of maintenance and user-friendly operation**, thereby being a useful instrument for a wide range of laboratory processes and experiments.

SHAKING INCUBATOR, INC-S

ABS exterior, polyurethane insulation layer, stainless steel inner chamber. Air circulation system that homogenizes the temperature in the working room. Resolution: 0,1 °C. Temperature fluctuation: ± 0,1 °C. The reference CTSI-070-001 features a cooling function that allows reaching temperatures below ambient temperature (temperature range: 4 - 65 °C). Orbital shaking speed: 30 - 300 rpm (precision ± 1 rpm). Orbital diameter: 20 mm. Large LCD screen that shows temperature, shaking speed and timer (0-9999 min). DC Brushless motor, maintenance free, with progressive start and security system. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (mm) (L x W x H)	int. dim. (mm) (L x W x H)	platform dimensions (mm)	pcs/pack	price/pack kr
CTSI-050-001	50 L	500 x 640 x 480	455 x 380 x 290	380 x 320	1	38525
CTSI-070-001	70 L	600 x 660 x 500	560 x 390 x 320	480 x 315	1	44028
Accessories and spare parts						
CTSI-A00-001		tray (380 x 320 x 100 mm) for CTSI-050-001			1	1119
CTSI-A01-001		tray (480 x 315 x 100 mm) for CTSI-070-001			1	1119
CTSI-A02-001		100 ml flask clip			1	82
CTSI-A03-001		250 ml flask clip			1	123
CTSI-A04-001		500 ml flask clip			1	205
CTSI-A05-001		1000 ml flask clip			1	287

HIGH PRECISION CONSTANT TEMPERATURE INCUBATOR, INC65

Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Air circulation system that homogenizes the temperature in the working room. For temperatures up to 70 °C. Resolution: 0,1 °C. Temperature fluctuation: ±0,5 °C. Two LCD screens that show the real and the established temperature. Timing function (0-9999min). UV sterilization funtion. Homogeneity and stability of the temperature: ±0,8 °C. Crystal interior door that allows to see the samples. Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack kr
INCU-045-001	45 L	525 x 480 x 620 mm	350 x 350 x 350 mm	7	1	12394
INCU-065-001	65 L	575 x 480 x 720 mm	400 x 350 x 450 mm	9	1	13104
INCU-125-001	125 L	675 x 580 x 820 mm	500 x 450 x 550 mm	13	1	16517

REFRIGERATED INCUBATOR, INC-R

Ideal for BOD and other processes that require a low temperature during long periods of time. Cooling function that allows reaching temperatures below ambient. Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Air circulation system that homogenizes the temperature in the working room. Polyurethane insulation layer. Fluoride-free refrigeration. Temperature range: 0 - 65 °C. Resolution: 0,1 °C. Temperature motion: ±0,5 °C (high temperature), ±1 °C (low temperature). Temperature uniformity: ±1,5 °C. Two LCD screens that show the real and the established temperature. Timing function (0 - 99 h 59 min). Crystal interior door that allows to see the samples. Internal universal power socket with cover (compatible with EU and UK). Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack kr
INCR-070-001	70 L	560 x 570 x 1030 mm	350 x 415 x 500 mm	9	1	18895
INCR-150-001	150 L	620 x 640 x 1290 mm	400 x 490 x 750 mm	12	1	22748

REFRIGERATED INCUBATOR WITH HUMIDITY CONTROL, INC-H

Cooling function that allows reaching temperatures below ambient temperature. Inner humidifying system that uses small particles and has a low water consumption. Intelligent defrosting function. Alarm function indicating when the container is short of water. Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Air circulation system that homogenizes the temperature in the working room. Polyurethane insulation layer. Temperature range: 10 - 65 °C (0 - 65 °C, without humidification). Resolution: 0.1 °C. Temperature motion: ± 0,5 °C (high temperature), ± 1 °C (low temperature). Temperature uniformity: ± 1 °C. Humidity range: 45 - 95% RH. Humidity stability: ± 5%. Large digital display that shows time, temperature, humidity, cycle period, segments, alarms and other indicators. Timing function (0 - 99 h 59 min). Crystal interior door that allows to see the samples. LED lighting. Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack kr
INCH-070-001	70 L	571 x 591 x 1051 mm	415 x 350 x 500 mm	5	1	27884
INCH-150-001	150 L	646 x 641 x 1301 mm	490 x 400 x 750 mm	9	1	33021

CO_2 INCUBATOR, INC-C

Used in life sciences, immunology, genetics, microbiology, cell biology, etc. Using CO_2, the pH is adapted and, in this way, this incubator not only provides the right temperature and humidity, but also a favorable pH for cell growth. Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Internal tempered glass door. Heating with air-jacket. Temperature range: RT +3 °C - 60°C. Resolution: 0.1 °C. Temperature uniformity: ± 1,5 °C. LCD displays. Timing function (0 - 9999 min). UV sterilization function. Alarm functions (over-temperature alarm, temperature sensor error alarm, water shortage alarm, CO_2 concentration alarm, and CO_2 shortage alarm). Supplied with two grid trays adjustable in height (can accept more trays, see table). Compatible with conventional CO_2 cylinders. 220-240V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack kr
INCC-080-001	80 L	571 x 591 x 1051 mm	415 x 350 x 500 mm	8	1	107821

FORCE AIR DRYING OVEN, OVF

Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Adjustable temperatures from 40 °C to 300 °C. Resolution: 0.1 °C. Fluctuation of the temperature: ± 1 °C. Temperature regulation by microprocessor with functions like over-temperature protection, sensor fault alarm, fixed temperature operation, timing function (0-9999 min), correction of deviation, internal parameter locked, etc. Homogeneity and temperature stability: ± 2.5%. Adjustable feet to facilitate the installation and leveling of the oven. Door with 180° opening window with double thermal safety glass for external control, without temperature variations in the inner chamber. Forced air convection. Standard fan switch that allows to work with natural convection (except for DOVF-230-001 oven, which does not have a fan switch). Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack kr
DOVF-030-001	30 L	450 x 500 x 690 mm	310 x 310 x 310 mm	6	1	10784
DOVF-045-001	45 L	490 x 540 x 730 mm	350 x 350 x 350 mm	7	1	12476
DOVF-065-001	65 L	540 x 550 x 830 mm	400 x 360 x 450 mm	9	1	13800
DOVF-125-001	125 L	640 x 640 x 930 mm	500 x 450 x 550 mm	13	1	15984
DOVF-230-001	230 L	735 x 835 x 1115 mm	600 x 500 x 750 mm	17	1	19601

VACUUM DRYING OVEN, OVV

Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Four walls heating method. Double observation window with explosion-proof glass. Fastening handle, convenient for opening and closing the door. Adjustable temperatures from RT + 10 °C to 250 °C. Resolution: 0.1 °C. Fluctuation of the temperature: ± 1 °C. Temperature regulation by microprocessor with functions like over-temperature protection, sensor fault alarm, fixed temperature operation, timing function (0-9999 min), correction of deviation, internal parameter locked, etc. Easy to clean. Supplied with two grid trays adjustable in height. 220-240 V / 50-60 Hz. Recommended vacuum pump: VACU-K10-001. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack kr
DOVV-024-001	24 L	480 x 480 x 606 mm	300 x 300 x 270 mm	2	1	12381
DOVV-052-001	52 L	560 x 540 x 680 mm	415 x 370 x 340 mm	2	1	15820

SHELFS FOR INCUBATORS AND OVENS

Shelfs for LBX INC65, INC-R, INC-H, INC-C incubators and LBX OVF ovens

reference	description	pcs/pack	price/pack kr
INCU-A01-001	shelf for INCU-045-001	1	532
INCU-A02-001	shelf for INCU-065-001	1	601
INCU-A03-001	shelf for INCU-125-001	1	751
DOVF-A01-001	shelf for DOVF-030-001	1	440
DOVF-A02-001	shelf for DOVF-045-001	1	520
DOVF-A03-001	shelf for DOVF-065-001	1	600
DOVF-A04-001	shelf for DOVF-125-001	1	720
DOVF-A06-001	shelf for DOVF-230-001	1	807
INCR-A01-001	shelf for INCR-070-001	1	514
INCR-A02-001	shelf for INCR-150-001	1	624
INCH-A02-001	shelf for INCH-070-001	1	442
INCH-A03-001	shelf for INCH-150-001	1	774
INCC-A01-001	shelf for INCC-080-001	1	887

"MUFFLE FURNACE FOR LABORATORY, MF12

Metallic outer case painted with epoxy resin. Insulation layer and inner chamber of ceramic fiber. LED screen that shows the real and established temperature. Temperature range: 100 - 1200 °C. Resolution: 1 °C. Temperature rising time to max. temperature: ≤ 30 min. Timer function (1 - 9999 min). Safety devices: manual door security lock, over temperature sound and light alarm, heat emission turns off automatically when door is opened, over-temperature protection, furnace disconnection by thermocouple failure. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	power	pcs/pack	price/pack kr
MUFU-020-001	2 L	685 x 450 x 600 mm	200 x 120 x 80 mm	1,5 kW	1	20936
MUFU-072-001	7,2 L	785 x 530 x 640 mm	300 x 200 x 120 mm	3,0 kW	1	25247
MUFU-120-001	12 L	785 x 530 x 720 mm	300 x 200 x 200 mm	4,5 kW	1	33868

HDN ceramics

CLAY PIPE TRIANGLE

With stainless steel wires

reference	side length (mm)	min. crucible Ø (mm)	pcs/pack	price/pack kr
PITC-050-006	50	30	6	133
PITC-060-006	60	40	6	170
PITC-075-006	75	50	6	215

HDN ceramics

MELTING CRUCIBLE HIGH FORM, WITH LID *BASIC LINE*

Price includes crucible and lid. Glazed inside and outside

reference	capacity	$Ø_{rim}$ (mm)	h (mm)	pcs/pack	price/pack kr
CRHC-015-006	15 ml	32	34	6	102
CRHC-020-006	20 ml	36	38	6	82
CRHC-030-006	30 ml	40	46	6	92
CRHC-040-006	40 ml	42	54	6	115
CRHC-050-006	50 ml	43	58	6	94

WHAT ARE LABORATORY CRUCIBLES AND HOW TO CHOOSE THE RIGHT MODEL?

Laboratory crucibles are containers with **high chemical and thermal resistance** used for heating, calcination, dehydration, burning, or melting substances. Their applications are varied and include **high-temperature chemical reactions** or different **analytical methods**.

There is a variety of crucible types, so when choosing a crucible, it is important to consider factors such as the **material** (porcelain, quartz, alumina, etc.), **size** (chosen based on the sample size), **shape** (high and low forms, boat, casserole with handle, etc.), **temperature,** or **chemical compatibility.**

MATERIAL	MAX. TEMP.	CHARACTERISTICS
Porcelain	1000 °C	• high thermal resistance (however, it is essential to heat and cool it gradually) • high chemical inertia (even to most acids, but not to hydrofluoric acid or alkaline substances) • high durability • relatively economical material
Quartz	1100 °C	• high thermal resistance • high chemical inertia (even to most acids, but not to hydrofluoric acid) • easy to clean • transparent, allowing observation • suitable for chemical reactions and the melting of samples
Alumina	1750 °C	• very high thermal resistance • high chemical resistance • highly versatile and widely used
PTFE	280 °C	• high thermal resistance compared to other thermoplastic materials • high chemical inertia • easy to clean (thanks to the smooth surface)
Nickel	600 °C	• thermal conductivity • high chemical resistance to certain substances (such as chlorine), but less resistant to others (like certain acids) • high durability • easy to clean
Stainless steel	800 °C	• thermal conductivity • also suitable for cryogenic applications (resistant to low temperatures down to -180 ºC) • high durability • easy to clean

MELTING CRUCIBLE MEDIUM FORM, WITH LID *BASIC LINE*

HDN ceramics

Made of porcelain. Glazed inside and outside. Price includes crucible and lid

reference	capacity	Ø rim (mm)	h (mm)	pcs/pack	price/pack kr
CRMC-015-006	15 ml	35	30	6	93
CRMC-020-006	20 ml	38	32	6	82
CRMC-025-006	25 ml	40	36	6	107
CRMC-030-006	30 ml	42	41	6	93
CRMC-040-006	40 ml	48	42	6	111
CRMC-050-006	50 ml	53	46	6	144
CRMC-100-006	100 ml	63	59	6	262

MELTING CRUCIBLE HIGH FORM *PREMIUM LINE*

HDN ceramics

Made of upper grade porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim and lower bottom. Do not include cover

reference	capacity	Ø rim (mm)	h (mm)	cover type	pcs/pack	price/pack kr
CRHK-005-006	5 ml	24	20	A	6	121
CRHK-010-006	10 ml	31	26	B	6	134
CRHK-015-006	15 ml	35	29	C	6	158
CRHK-025-006	25 ml	40	32	D	6	170
CRHK-030-006	30 ml	43	37	D	6	194
CRHK-040-006	40 ml	50	40	E	6	215
CRHK-050-006	50 ml	53	43	F	6	231
CRHK-100-006	100 ml	65	54	G	6	389
CRHK-250-003	250 ml	88	72	I	3	308

MELTING CRUCIBLE LOW FORM *PREMIUM LINE*

HDN ceramics

Made of upper grade porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim and lower bottom. Do not include cover

reference	capacity	Ø rim (mm)	h (mm)	cover type	pcs/pack	price/pack kr
CRLK-010-006	8 ml	32	20	B	6	114
CRLK-020-006	17 ml	41	26	D	6	126
CRLK-030-006	30 ml	50	31	E	6	156
CRLK-050-006	50 ml	61	37	G	6	185
CRLK-100-006	100 ml	76	46	H	6	311
CRLK-150-006	150 ml	84	52	I	6	353
CRLK-250-006	250 ml	102	60	J	6	493
CRLK-500-006	500 ml	120	87	N/A	6	645

CRUCIBLE COVER *PREMIUM LINE*

HDN ceramics

Made of upper grade porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim

reference	$Ø_{int.}$ (mm)	cover type	pcs/pack	price/pack kr
CRCK-026-006	26	A	6	51
CRCK-034-006	34	B	6	51
CRCK-038-006	38	C	6	51
CRCK-047-006	47	D	6	70
CRCK-053-006	53	E	6	70
CRCK-058-006	58	F	6	79
CRCK-069-006	69	G	6	102
CRCK-080-006	80	H	6	102
CRCK-093-006	93	I	6	163
CRCK-108-006	105	J	6	200

GOOCH CRUCIBLE WITH PERFORATED BOTTOM *PREMIUM LINE*

HDN ceramics

Made of porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim and lower bottom. Does not include cover

reference	capacity	$Ø_{top}$ mm)	h (mm)	for paper filter Ø	pcs/pack	price/pack kr
CRGK-015-006	15 ml	29	32	15-16 mm	6	319
CRGK-030-006	30 ml	36	45	20-21 mm	6	458
CRGK-050-006	50 ml	40	49	23-24 mm	6	600

QUARTZ CRUCIBLE, TRANSPARENT

LBG

Tall form. They can withstand temperatures up to 1100 ° C. Price includes crucible and lid

reference	capacity	$Ø_{top}$ mm)	h (mm)	pcs/pack	price/pack kr
CRQZ-020-001	20 ml	35	41	1	566
CRQZ-025-001	25 ml	37	45	1	598
CRQZ-030-001	30 ml	39	49	1	629
CRQZ-050-001	50 ml	46	59	1	786
CRQZ-100-001	100 ml	57	72	1	1258

To prolong the life of the porcelain material, use gradual heating and cooling speeds. Use an oven or hot plate as an intermediate step when fast heating/cooling speeds are required. When using a bunsen burner, increase the flame intensity gradually. Avoid contact of the hot material with a cold surface. Carefully inspect the laboratory material before each use and never use material that appears to be defective.

ALUMINA CRUCIBLE HIGH FORM *PREMIUM LINE*

HDN ceramics

Made of alumina 99,7 % withstanding temperatures up to 1750 °C. Unglazed. Do not include cover

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
ACHF-010-001	10 ml	30	31	1	224
ACHF-020-001	20 ml	40	35	1	412
ACHF-050-001	50 ml	51	47	1	577
ACHF-100-001	100 ml	60	62	1	890
ACHF-250-001	250 ml	80	94	1	1392

CRUCIBLE, PTFE

astiK's

Isostatically molded in pure, FDA approved, PTFE. Totally chemically resistant and inert. Use up to 280 °C

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
PTFC-005-001	5 ml	27	16	1	163
PTFC-025-001	25 ml	44	26	1	253
PTFC-075-001	75 ml	56	41	1	360
PTFC-100-001	100 ml	60	45	1	468

NICKEL CRUCIBLE

clink

Withstanding temperatures up to 600 °C. Does not include cover

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
CRNK-030-001	30 ml	40	35	1	1059
CRNK-060-001	60 ml	50	45	1	1571
CRNK-110-001	110 ml	60	55	1	1983

STAINLESS STEEL CRUCIBLE

clink

For temperatures from -180 °C up to 800 °C. Does not include cover

reference	capacity	Ø top (mm)	h (mm)	pcs/pack	price/pack kr
CRIX-030-001	30 ml	40	35	1	424
CRIX-060-001	60 ml	50	45	1	512
CRIX-110-001	110 ml	60	55	1	619
CRIX-125-001	125 ml	80	70	1	760

HDN ceramics

COMBUSTION BOAT *PREMIUM LINE*

Made of porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except lower bottom. With perforated handle

reference	capacity	length (mm)	h (mm)	width (mm)	pcs/pack	price/pack kr
COBK-080-012	1,5 ml	80	10	12	12	376
COBK-086-001	2 ml	86	11	13	1	35
COBK-090-001	2,2 ml	90	11	13	1	34
COBK-120-001	4 ml	120	10,3	12	1	41

cecotec

MICROWAVE, PROCLEAN 3010

Heats and defrosts in a homogeneous and efficient way. Various heating modes. Mechanical controls. Spinning plate. Timer: 0-30 min with alarm. Easy to clean. 220-240 V / 50-60 Hz. Warranty 1 year

reference	capacity	power (W)	ext. dim. (L x W x H)	int. dim. (L x W x H)	pcs/pack	price/pack kr
MCRW-20L-001	20 L	700	445 x 355 x 255 mm	285 x 277 x 175 mm	1	1763

DRYER

Ergonomic design. Double insulation. 2 speeds, 3 temperatures. 3 meter power cable. Two diffuser nozzles and removable filter. Useful for drying laboratory equipment, instruments, precipitates and others. 220-240 V / 50-60 Hz. Warranty 1 year

reference	power (W)	pcs/pack	price/pack kr
SDRY-2K0-001	2000	1	324

LABBOX QUALITIES

In order to fulfil all of our customer's requirements, some of our products are available in three different qualities:

1. *Basic Line*: The most competitive option
2. *Standard Line*: The best price-quality ratio
3. *Premium Line*: They are differentiated from the standard products by some relevant characteristics that make them suitable for specific applications destined to our most demanding clients, always keeping an excellent price-quality ratio

For example:

Premium Line tips are DNase, RNase and PCR inhibitors-free certified, making them specifically designed for PCR techniques

IMHOFF CONE FOR SEDIMENTATION

Available in borosilicate glass 3.3 or in transparent plastic (SAN). Graduated

reference	capacity	description	pcs/pack	price/pack kr
COI3-1K0-001	1 L	made of borosilicate glass 3.3	1	1560
CONP-1K0-001	1 L	made of plastic (SAN)	1	582

IMHOFF CONE STAND

For glass or plastic cones. Available in methacrylate or stainless steel

reference	description	pcs/pack	price/pack kr
CONP-RAC-001	stand made of PMMA, for 2 Imhoff cones	1	1224
CONR-002-001	stand made of stainless steel, for 2 Imhoff cones	1	1147
CONR-004-001	stand made of stainless steel, for 4 Imhoff cones	1	1377

WATER SAMPLING BOTTLES, PET, STERILE

astiK's

Bottles without graduation, body made of PET, Ø 38,5 mm mouth for easy filling and square shape that optimizes packaging and transport. Polyethylene cap with security ring. Sterilized by ethylene oxide and single packed in polyethylene bag: the sterility of the product is only guaranteed if the pack is intact. Available with predosed sodium thiosulfate (20 mg/L), according to ISO 19458. Free sterilization certificate available on the website

reference	capacity	dimensions (L x W x H)	weight (g)	type	pcs/pack	price/pack kr
WSBE-500-090	500 ml	65 x 65 x 165 mm	42	sterile without thiosulfate	90	1638
WSBE-50T-090	500 ml	65 x 65 x 165 mm	42	sterile with thiosulfate	90	1638
WSBE-1K0-048	1000 ml	71,5 x 77,2 x 237 mm	50	sterile without thiosulfate	48	1280
WSBE-1KT-048	1000 ml	71,5 x 77,2 x 237 mm	50	sterile with thiosulfate	48	1280

WATER SAMPLING BOTTLES, PET, STERILE, WIDE NECK

astiK's

Bottles without graduation, body made of PET, Ø 63 mm mouth, for easy filling and square shape that optimizes packaging and transport. Polyethylene cap with security ring. Sterilized by ethylene oxide and single packed in polyethylene bag: the sterility of the product is only guaranteed if the pack is intact. Available with predosed sodium thiosulfate (20 mg/L), according to ISO 19458. Free sterilization certificate available on the website

reference	capacity	dimensions (L x W x H)	weight (g)	type	pcs/pack	price/pack kr
WSBW-500-060	500 ml	75 x 75 x 119 mm	44	sterile without thiosulfate	60	1396
WSBW-50T-060	500 ml	75 x 75 x 119 mm	44	sterile with thiosulfate	60	1339
WSBW-1K0-036	1000 ml	88 x 88 x 190 mm	69	sterile without thiosulfate	36	944
WSBW-1KT-036	1000 ml	88 x 88 x 190 mm	69	sterile with thiosulfate	36	970

astiK's

STERILE BAGS FOR WATER SAMPLING

Made of highly resistant polyethylene (FDA-approved). Easy-to-close bags with puncture-proof tabs for protection from possible damage due to wire-end punctures. Ideal for chlorinated water samples, with thiosulfate tablets (10 mg / 100 ml), to perform bacterial testing. Maximum bag mouth opening and write-on strip and volume markings for measurements. DNase, RNase and pyrogen free. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack kr
STWS-100-100	100 ml	76	178	0,063	100	1418
STWS-300-100	300 ml	114	229	0,063	100	1736

BOD BOTTLE WITH GLASS ROBOTIC STOPPER

Made of 3.3 borosilicate glass (upper grade). Available without numbering and with a white write-on patch for labeling or in numbered series of 24 units

reference	capacity	type	pcs/pack	price/pack kr
BODB-060-001	60 ml	without numbering	1	127
BODB-300-001	300 ml	without numbering	1	167
BODB-3N1-024	300 ml	with numbering 1 - 24	24	4727
BODB-3N2-024	300 ml	with numbering 25 - 48	24	4727

WATER-I.D.

POOLTESTER - QUICK/SEMIQUANTITATIVE MEASUREMENT KIT FOR pH, Cl AND Br

PoolTester pH and chlorine / bromine (POLT-T10-001) includes Testblock with 8pH scale values (range 6.8 – 8.2) and 16 chlorine / bromine values (ranges DPD N°1 (free Cl_2) 0.1 – 6.0 mg/l / Br_2 0.22 – 13.2 mg/l) and tablets RAPID (rapidly soluble) for 30 tests each

reference	description	pcs/pack	price/pack kr
POLT-T10-001	PoolTester pH and DPD N°1 (free Cl_2 / Br_2)	1	184
Reagents			
POLT-R10-030	Phenol Red RAPID / DPD N°1 (free Cl_2 / Br_2) RAPID	30	97

WATER-I.D.

FLEXITESTER QUANTITATIVE VISUAL MEASUREMENT KIT

Quantitative water measurement kit with a continuous color scale that allows greater accuracy than semi-quantitative kits. Ergonomic design and high quality materials simplify measurements. Each reference includes a plastic box with a hanger, a stick magazine, a FlexiTester and reagents

reference	description	n° tests / sales unit	price/pack kr
FLXT-100-020	pH measurement kit (6,5 - 8,4 ppm) and Chlorine (0,0 - 5,0 ppm)	20	271
FLXT-200-020	pH measurement kit (6,5 - 8,4 ppm) and Active Oxygen (0 - 20 ppm)	20	271
FLXT-400-020	pH measurement kit (6,5 - 8,4 ppm) and Copper / Zinc LR(0,0 - 1,0 ppm)	20	457
Reagents			
FLXT-R10-030	pH reagents refill (6,5 - 8,4 ppm) and Chlorine (0,0 - 5,0 ppm)	30	240
FLXT-R20-030	pH reagents refill (6,5 - 8,4 ppm) and Active Oxygen (0 - 20 ppm)	30	240
FLXT-R40-020	pH reagents refill (6,5 - 8,4 ppm) and Copper / Zinc LR(0,0 - 1,0 ppm)	20	403

SEMI-QUANTITATIVE INDICATOR STRIPS

METRIA

Semi-quantitative indicator strips for ammonium, ascorbic acid, chloride, chlorine (free), copper, fluoride, free fatty acids, iron, nitrate, nitrite, peracetic acid, peroxide, phosphate, sulphite and water hardness. These tests allows a quick and easy method to determine these free/available ions in solution. 100 strips per pack

reference	range	interval	pcs/pack	price/pack kr
Ascorbic Acid				
AAIS-011-001	0-2000 mg/l (ppm)	0 - 50 - 100 - 200 - 300 - 500 - 700 - 1000 - 2000	1	332
Peracetic Acid				
PAIS-011-001	0-500 mg/l (ppm)	0 - 100 - 150 - 200 - 250 - 300 - 400 - 500	1	328
PAIS-012-001	0-2000 mg/l (ppm)	0 - 500 - 1000 - 1500 - 2000	1	328
Free Fatty Acids				
FAIS-011-001	0 % - 2,5 %	0 - 0,25 - 0,5 - 1 - 1,5 - 2 - 2,5	1	517
Ammonium				
MMIS-011-001	0-400 mg/l (ppm)	0 - 10 - 25 - 50 - 100 - 200 - 400	1	643
Chlorine				
CHIS-011-001	0-5 mg/l (ppm)	0 - 0,5 - 1,0 - 3,0 - 5,0	1	328
CHIS-012-001	0-20 mg/l (ppm)	0 - 1,0 - 3,0 - 5,0 - 10,0 - 20,0	1	328
CHIS-013-001	0-300 mg/l (ppm)	0 - 25 - 50 - 100 - 200 - 300	1	328
CHIS-014-001	0-1000 mg/l (ppm)	0 - 50 - 100 - 250 - 500 - 1000	1	328
Copper				
COIS-011-001	0-300 mg/l (ppm)	0 - 10 - 30 - 100 - 300	1	328
Water Hardness				
WHIS-011-001	0-500 mg/l (ppm)	0 - 5 - 125 - 250 - 500	1	328
WHIS-012-001	0-21 °d	3 - 4 - 7 - 14 - 21	1	328
Phosphate				
PHIS-011-001	0-500 mg/l (ppm)	0 - 3 - 10 - 25 - 50 - 100 - 250 - 500	1	643
Iron				
IRIS-011-001	0-100 mg/L	0 - 2 - 5 - 10 - 25 - 50 - 100	1	514
Chloride				
CLIS-011-001	0-3000 mg/L (ppm)	0 - 500 - 1000 - 1500 - 2000 - 3000	1	814
Fluoride				
FLIS-011-001	0-100 mg/l (ppm)	0 - 10 - 25 - 50 - 100	1	328
Nitrate				
NAIS-011-001	0-500 mg/l (ppm)	0 - 10 - 25 - 50 - 100 - 250 - 500	1	389
Nitrite				
NIIS-011-001	0-25 mg/l (ppm)	0 - 0,5 - 1,0 - 5,0 - 10 - 25	1	389
NIIS-012-001	0-80 mg/l (ppm)	0 - 2 - 5 - 10 - 20 - 40 - 80	1	411
Peroxide				
POIS-011-001	0-100 mg/l (ppm)	0 - 1 - 3 - 10 - 30 - 100	1	302
POIS-012-001	0-1000 mg/l (ppm)	0 - 100 - 200 - 400 - 600 - 800 - 1000	1	302
Sulphite				
SLIS-011-001	0-500 mg/l (ppm)	0 - 10 - 25 - 50 - 100 - 250 - 500	1	328

METRIA

REAGENTS FOR COD MEASUREMENT BY PHOTOMETRY

Prepared vials of 16mm for COD determination, compatible with PrimeLab Multitest photometer of WATER-ID, and also with photometers from other companies like LOVIBOND, WTW, MACHEREY-NAGEL, MERCK, HANNA, AQUALYTIC, PALIN, BIOCHROM, HACH and any manufacturer using 16 mm vials

reference	description	pcs/pack	price/pack kr
PHTR-DQL-025	COD (LR) 0 - 150 mg/l prepared vials	25	614
PHTR-DQM-025	COD (MR) 0 - 1500 mg/lprepared vials	25	614
PHTR-DQH-025	COD (HR) 0 - 15000 mg/l prepared vials	25	614
“Saving package”			
PHTR-DQL-150	COD (LR) 0 - 150 mg/l prepared vials	150	3276
PHTR-DQM-150	COD (MR) 0 - 1500 mg/lprepared vials	150	3276
PHTR-DQH-150	COD (HR) 0 - 15000 mg/l prepared vials	150	3276

WATER-I.D.

POOLLAB 2.0 PHOTOMETER

Portable photometer, ideal for pool water analysis. It offers the possibility to measure 24 different parameters (not all reagents included), such as cyanuric acid, chlorine, pH, and others. Thanks to the triple cuvette, it is possible to measure three parameters simultaneously.
The basic kit of PoolLab 2.0 photometer (POLP-BK2-001) includes 1 PoolLab 2.0 with large color display, Bluetooth, and WiFi, waterproof IP68, 1 triple measurement cuvette, 1 light shield, 3 plastic stirring rods (white, blue, red), 1 10ml syringe, 3 AA batteries, 1 manual, software/app/cloud, 1 bag, and an initial pack of reagents POLP-RRF-001. The initial reagent pack (POLP-RRF-001), photometer grade, includes: 20 tablets phenol red, 20 tablets DPD N° 1, 10 tablets DPD N° 3, 10 tablets alkalinity-M and 10 tablets CYA-test. These reagents allow measuring the following parameters: alkalinity, chlorine (tablet mode), cyanuric acid, pH (tablet mode). The additional reagents that allow for the measurement of other parameters are the references PRLR and POLR

reference	description	pcs/pack	price/pack kr
POLP-BK2-001	PoolLab 2.0 photometer, basic kit	1	3280
Accessories and spare parts			
POLP-AV2-001	replacement vial	1	234
POLP-AL2-001	spare part light shield	1	234
POLP-AH2-001	spare part cuvette holder	1	234
POLP-ASR-001	spare part plastic stirring rod, white	1	25
POLP-ASB-001	spare part plastic stirring rod, blue	1	25
POLP-ASC-001	spare part plastic stirring rod, red	1	25
POLP-AB2-001	spare part nylon bag	1	234
Reagents			
POLP-RRF-001	initial reagent pack	1	197

REAGENTS FOR POOLLAB 2.0 PHOTOMETER

WATER-I.D.

Reagents for PoolLab 2.0 photometer methods in tablets, powder or liquid. Photometer grade

reference	description	n° tests / sales unit	price/pack kr
PRLR-RD4-050	reagent DPD N°4, 50 tablets	50	82
PRLR-005-050	alkalinity - M, 50 tablets	50	180
PRLR-041-050	aluminium N°1, 50 tablets	50	312
PRLR-042-050	aluminium N°2, 50 tablets	50	312
PRLR-021-050	ammonia LR N°1, 50 powder-pillows	50	335
PRLR-023-050	ammonia N°2, 50 powder-pillows	50	232
POLR-DCL-050	DECHLOR, 50 tablets	50	102
PRLR-RD1-050	reagent DPD N°1, 50 tablets	50	82
PRLR-RD2-050	reagent DPD N°2, 50 tablets	50	82
PRLR-RD3-050	reagent DPD N°3, 50 tablets	50	82
PRLR-HGC-050	reagent glycine, 50 tablets	50	103
POLR-CP1-050	chlorine HR KI, 50 powder-pillows	50	259
PRLR-AGP-050	reagent acidifying GP, 50 tablets	50	224
PRLR-181-050	copper N°1, 50 tablets	50	542
PRLR-182-050	copper N°2, 50 tablets	50	175
PRLR-020-050	cyanuric acid, 50 tablets	50	169
POLR-CL1-040	calcium hardness N°1 and N°2, 20/20 ml	40	332
POLR-HL1-030	total hardness N°1 and N°2, 20/10 ml	30	290
POLR-HPL-050	hydrogen peroxide LR, 50 tablets	50	242
POLR-APT-050	acidifying reagent, 50 tablets	50	123
POLR-HPP-050	hydrogen peroxide HR, 50 powder-pillows	50	242
PRLR-028-050	iron LR, 50 tablets	50	320
POLR-NP1-050	nitrate N°1, 50 powder-pillows	50	827
POLR-NP2-050	nitrate N°2, 50 powder-pillows	50	827
PRLR-038-050	pH MR phenol red (6.5 - 8.4), 50 tablets	50	129
POLR-PHM-050	PHMB, 50 tablets	50	216
POLR-PP1-050	phosphate LR N°1, 50 powder-pillows	50	236
PRLR-442-050	phosphate LR N°2, 50 tablets	50	112
PRLR-461-050	phosphate HR N°1, 50 powder-pillows	50	324
PRLR-462-050	phosphate HR N°2, 50 tablets	50	112
PRLR-048-050	potassium, 50 tablets	50	591
PRLR-035-050	nitrite LR, 50 powder-pillows	50	236
PRLR-054-050	sulfate, 50 powder-pillows	50	345
POLR-URL-006	urea N°1 and N°2, 4/2 ml	6	1009
PRLR-062-050	copper / zinc LR, 50 tablets	50	240
PRLR-RED-050	EDTA reagent, 50 tablets	50	156
POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)	30	250
POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)	30	279
POLR-D3C-030	reagent DPD3C, 30 ml (250 tests)	30	265
POLR-PRE-065	pH phenol red, 65 ml (270 tests)	65	295

Reagents needed for each of the PoolLab 2.0 photometer's parameters

PARAMETER	RANGE	REFERENCE REAGENT	DESCRIPTION
Active Oxygen	0,00 - 20,00 mg/l	PRLR-RD4-050	reagent DPD N°4, 50 tablets"
Alkalinity	0 - 200 mg/l	PRLR-005-050	alkalinity - M, 50 tablets
Aluminium	0,00 - 0,30 mg/l	PRLR-041-050	aluminium N°1, 50 tablets
		PRLR-042-050	aluminium N°2, 50 tablets
Ammonia	0,00 - 1,20 mg/l	PRLR-021-050	ammonia LR N°1, 50 powder-pillows
		PRLR-023-050	ammonia N°2, 50 powder-pillows
Bromine, tablet mode	0,00 - 13,00 mg/l	PRLR-RD1-050	reagent DPD N°1, 50 tablets"
		PRLR-HGC-050	reagent glycine, 50 tablets
Bromine, liquid mode	0,00 - 9,00 mg/l	POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
		POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		PRLR-HGC-050	reagent glycine, 50 tablets
Calcium Hardness	0 - 500 mg/l	POLR-CL1-040	calcium hardness N°1 and N°2, 20/20 ml
Chloramines	0,00 - 6,00 mg/l	PRLR-RD1-050	reagent DPD N°1, 50 tablets"
		PRLR-RD2-050	reagent DPD N°2, 50 tablets"
		PRLR-RD3-050	reagent DPD N°3, 50 tablets
Chlorine, tablet mode	0,00 - 6,00 mg/l	PRLR-RD1-050	reagent DPD N°1, 50 tablets"
		PRLR-RD3-050	reagent DPD N°3, 50 tablets
Chlorine, liquid mode	0,00 - 4,00 mg/l	POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
		POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		POLR-D3C-030	reagent DPD3C, 30 ml (250 tests)
Chlorine HR (KI)	5 - 200 mg/l	POLR-CP1-050	chlorine HR KI, 50 powder-pillows
		PRLR-AGP-050	reagent acidifying GP, 50 tablets
Chlorine Dioxide, tablet mode	0,00 - 11,00 mg/l	PRLR-RD1-050	reagent DPD N°1, 50 tablets"
		PRLR-HGC-050	reagent glycine, 50 tablets
Chlorine Dioxide, liquid mode	0,00 - 7,50 mg/l	POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
		POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		PRLR-HGC-050	reagent glycine, 50 tablets
Copper	0,00 - 5,00 mg/l	PRLR-181-050	copper N°1, 50 tablets
		PRLR-182-050	copper N°2, 50 tablets
Cyanuric acid	0 - 100 mg/l	PRLR-020-050	cyanuric acid, 50 tablets"
Hydrogen Peroxide LR	0,00 2,40 mg/l	POLR-HPL-001	hydrogen peroxide LR, 50 tablets
Hydrogen Peroxide HR	0 - 180 mg/l	POLR-HPP-050	hydrogen peroxide HR, 50 powder-pillows
		POLR-APT-050	acidifying reagent, 50 tablets
Iron LR	0,00 - 1,00 mg/l	PRLR-028-050	iron LR, 50 tablets
Nitrate	1 - 50 mg/l	POLR-NP1-050	nitrate N°1, 50 powder-pillows
		POLR-NP2-050	nitrate N°2, 50 powder-pillows
Nitrite	0,00 - 1,50 mg/l	PRLR-035-050	nitrite LR, 50 powder-pillows
Ozone, tablet mode	0,00 - 4,00 mg/l	PRLR-RD1-050	reagent DPD N°1, 50 tablets"
		PRLR-RD3-050	reagent DPD N°3, 50 tablets
		PRLR-HGC-050	reagent glycine, 50 tablets
Ozone, liquid mode	0,00 - 2,70 mg/l	POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
		POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		POLR-D3C-030	reagent DPD3C, 30 ml (250 tests)
		PRLR-HGC-050	reagent glycine, 50 tablets
pH, tablet mode	6,50 - 8,40 pH	PRLR-038-050	pH MR phenol red (6.5 - 8.4), 50 tablets
pH, liquid mode	6,50 - 8,40 pH	POLR-PRE-065	pH phenol red, 65 ml (270 tests)
PHMB	5 - 60 mg/l	POLR-PHM-050	PHMB, 50 tablets
Phosphate LR	0,00 - 4,00 mg/l	POLR-PP1-050	phosphate LR N°1, 50 powder-pillows
		PRLR-442-050	phosphate LR N°2, 50 tablets
Phosphate HR	0 - 80 mg/l	PRLR-461-050	phosphate HR N°1, 50 powder-pillows
		PRLR-462-050	phosphate HR N°2, 50 tablets
Potassium	0,7 - 12,0 mg/l	PRLR-048-050	potassium, 50 tablets
Sulphate	5 - 100 mg/l	PRLR-054-050	sulphate, 50 powder-pillows
Total Hardness	0 - 500 mg/l	POLR-HL1-030	total hardness N°1 and N°2, 20/10 ml
Urea	0,10 - 2,50 mg/l	POLR-DCL-050	DECHLOR, 50 tablets
		POLR-URL-006	urea N°1 and N°2, 4/2 ml
		PRLR-021-050	ammonia LR N°1, 50 powder-pillows
		PRLR-023-050	ammonia N°2, 50 powder-pillows
Zinc (with chlorine)	0,00 - 1,00 mg/l	POLR-DCL-050	DECHLOR, 50 tablets
		PRLR-062-050	copper / zinc LR, 50 tablets
		PRLR-RED-050	EDTA reagent, 50 tablets

DIGITAL DRY BATH (+5 TO 150°C), CODB150

Dry heating system by metal blocks (7.6 x 9.6 cm). Temperature adjustable up to 150 °C (accuracy ±0.2 °C (single position)/0.5 °C (dual position)). Function mode: Continous with alarm timer (1' - 99h 59'). LED display for temperature and time. 230v/50 Hz. Insulation rating IP21 (DIN EN60529). Connection for external temperature sensor DIN 12878. Warranty 2 years. No block included. Suitable for COD digestion (148 °C), TOC determination (120 °C), Chromium-total determination (100 °C), Phosphate-total determination (100 °C) and Nitrogen-total determination (100 °C)

reference	description	pcs/pack	price/pack kr
CODB-TC1-001	dry bath, single position (15.2 x 19 x 8.6 cm), 5K/min, 165 W	1	5013
CODB-TC2-001	dry bath, dual position (15.2 x 30 x 8.6 cm), 4.5K/min, 250W	1	6211
CODB-B70-001	block for 20 x 12mm or 13mm test tubes	1	1792
CODB-B71-001	block for 12 x 15mm or 16mm test tubes	1	1792
CODB-A01-001	support clamp for temperature sensor	1	710

PORTABLE TURBIDITY METER (ISO 7027), M10

METRIA

High performance portable turbidity meter for process control or field measurements. Measurement according to nephelometric method (90 °) ISO 7027. Range: 0 - 1100 NTU / FNU, 0 - 275 EBC, 0 - 9999 ASBC. Accuracy ± 2% (0 - 500 NTU), ± 3% (501 - 1100 NTU). 2 to 5 calibration points with formazine standards. Backlit LCD screen and auto-off function. Stability indicator that recognizes the measurement as stable and expanded memory with a capacity of 100 readings transferable via USB interface. 3x1,5V AA batteries (not included), adapter or USB. Includes case, sample vials, standards (0.02 - 200 - 500 - 1000 NTU, solutions do not include certificate) and cleaning cloth. Warranty 2 years

reference	description	pcs/pack	price/pack kr
TBMT-M10-001	portable turbidity meter M10	1	7985
Spare parts			
TBMT-A01-004	glass vials for M10 turbidity meter	4	746

"OIL TASTING BATH, 6 PLACES

BUNSEN

Housing made of AISI 304 stainless steel. Non-removable fixed aluminium box. Heating through a flat element covering all the box surface. Temperature adjustment with a digital thermometer, from room temperature 5 °C up to 40 °C. 3-digits temperature display with accuracy 0,1 °C. External dimensions: 185 x 80 x 315 mm. Maximum temperature: 30 °C. Consumption: 125 W. Aluminium box specially designed for edible oil tasting according to European Union regulation L.248/67. Designed following recommendations of IOC (International Olive Council). Manufactured as per CE directives. 230 V / 50 Hz. Warranty 2 years. Delivery time 3 weeks. It is recommended to take together with the tasting glasses (OLIV-001-006) and watch glasses dish, 60 mm (WDIN-060-010)

reference	description	pcs/pack	price/pack kr
OLIV-B06-001	oil taste bath, 6 places	1	10897

OLIVE OIL TASTING GLASS

LBG

Blue. Manufactured according to COI/T.20/Doc. no. 5 (does not include certificate)

reference	capacity	h (mm)	Ø mouth (mm)	Ø max. (mm)	Ø base (mm)	pcs/pack	price/pack kr
OLIV-001-006	130 ml	60	50	70	35	6	387
"Saving package"							
OLIV-001-072	130 ml	60	50	70	35	72	3956

“KJELDAHL DIGESTION SYSTEM, KJD10

Graphite digester with advanced high temperature infrared radiation heating technology, controlled platform and anti-oxidation treatment, corrosion-resistant design for long lasting life. Temperature range: RT + 5 °C to 450 °C, quick temperature rise (400 °C in 25 minutes), accuracy: ± 1 °C. Linear and curve temperature rise modes. Offers 20 digestion programs for control of temperature rise curves. Capacity: 20 positions of 300 ml tubes. 5,7 inch color screen, easy to use.

The standard configuration includes a waste gas collection hood but must be combined with the KJDL-A01-001 exhausting system (not included) to condensate and neutralize the corrosive gas waste generated in the experiment. The KJDF1 exhausting system has a triple filtration system, avoids spilling or emptying and has adjustable suction pressure with a low noise, anticorrosion vacuum pump and a PTFE anticorrosion pipe design. Environmentally friendly.

It is recommended to combine with the DTU3-042-*** digestion tubes (10 tubes included) and the KJDL-CAT-250 catalyst tablets. High temperature alarm and overload protection. Power: 3600 W. 220 V ± 10%, 50 Hz. Warranty 1 year

reference	description	pcs/pack	price/pack kr
KJDL-001-001	Kjeldahl digestion system, KJD10	1	82988
Accesories			
KJDL-A01-001	exhausting and fume elimination system, KJDF1	1	38487
KJDL-T02-020	sealing tubes for empty positions (mandatory to prevent gas leakage)	20	4811

“KJELDAHL AUTOMATIC DISTILLER, KJD20

Fully intelligent software that can complete sample distillation within minutes. Automatic addition of NaOH, H_2O y H_3BO_3. Automatic reagent quantification and filling. Automatic cleaning system that further enhances measurement precision. Easy to operate interface.

Measuring range: 0,1 mg – 240 mg N. Recovery ≥ 99,5%. Sample capacity: 6 g/sample (solid) or 16 ml/sample (liquid). Distillation speed: 3-6 min/sample. 4,3 inch LCD color screen. Manual and automatic operation modes. Automatic alkali pipeline washing function. Automatic or manual filling mode. Programmable distillation time with automatic alarm upon completion.

Emergency stop, automatic fault detection, over temperature protection, over pressure protection and intelligent audible and visual alarm system. Calibration function: dilution water calibration, alkali solution calibration, boric acid solution calibration and washing flow calibration.

Safety door, digestion tube and cooling water condition displayed at real time when running. Built in testing model to detect the current condition of most functions. It is recommended to combine with the DTU3-042-*** digestion tubes (10 tubes included). Power: 1300 W. 220 V ± 10%, 50 Hz. Warranty 1 year

reference	description	pcs/pack	price/pack kr
KJDL-002-001	Kjeldahl automatic distiller, KJD20	1	66133

KJELDAHL CATALYST TABLETS

They favor the digestion process of the Kjeldahl method. They contain K_2SO_4 (3,6 g) and $CuSO_4 \cdot 5H_2O$ (0,4 g). Nitrogen content of a tablet < 20 ppm

reference	description	pcs/pack	price/pack kr
KJDL-CAT-250	Kjeldahl catalyst tablets	250	1612

TUBE FOR KJELDAHL DIGESTION

LBG

Made of 3.3 borosilicate glass. Round bottom. With rim. The DTU3-042-*** tube is compatible with LBX Instruments

reference	$Ø_{mouth}$ (mm)	$Ø_{outer}$ (mm)	h (mm)	pcs/pack	price/pack kr
DTU3-040-001	48	40	298	1	316
DTU3-042-001	47	42	300	1	353
“Saving package”					
DTU3-040-010	48	40	298	10	2860
DTU3-042-010	47	42	300	10	2860

THE THREE PHASES OF NITROGEN DETERMINATION BY THE KJELDAHL METHOD

DIGESTION

A homogenized sample is brought to boil in concentrated sulfuric acid with a catalyst that accelerates digestion. The result is an ammonium sulfate solution [$(NH_4)_2SO_4$].

DISTILLATION

An excess base is added to the result of the digestion to convert the ammonium salt (NH_4^+) to ammonia gas (NH_3). The gas passes through the equipment’s distillation system and is condensed in an Erlenmeyer flask containing a receptor solution.

TITRATION

The amount of ammonia in the receptor solution is quantified. The amount of nitrogen in a sample can be calculated from the quantified amount of ammonia ions in the receptor solution.

METRIA

LITMUS PAPER STRIPS

Basic indicator paper when a precise pH value is not needed. Blue litmus paper turns to red when a solution goes from basic to acidic while red litmus paper turns to blue when a solution goes from acidic to basic. Neutral litmus paper turns to blue when going to basic and red when going to acid. Each plastic box contains 10 booklets with 20 paper strips each

reference	description	pcs/pack	price/pack kr
LSPH-001-001	litmus blue indicator paper in strips	1	88
LSPH-002-001	litmus red indicator paper in strips	1	88
LSPH-003-001	litmus neutral indicator paper in strips	1	85

METRIA

UNIVERSAL pH TEST PAPERS, ROLL

Universal pH test paper in rolls of 5 m long and 7 mm wide. Each roll is stored in a plastic dispenser with a printed color scale with pH intervals of 1

reference	description	pcs/pack	price/pack kr
URPH-001-001	pH 1 - 11 paper roll	1	108
URPH-002-001	pH 1 - 14 paper roll	1	109
10 units "Saving package"			
URPH-001-010	pH 1 - 11 paper roll	10	751
URPH-002-010	pH 1 - 14 paper roll	10	751
50 units "Saving package"			
URPH-001-050	pH 1 - 11 paper roll	50	3003
URPH-002-050	pH 1 - 14 paper roll	50	3003

METRIA

pH INDICATOR STRIPS WITH 4 PADS

Strips made of vinyle with 4 indicator pads prepared with a non-bleed system, therefore the resultant colour change will remain far longer and readable until the pads are dry, even with a highly alkaline solution. These strips provide an accurate method of measuring the pH of a solution and produce high quality results each time. 100 strips per pack

reference	description	pcs/pack	price/pack kr
STPH-311-001	pH 0.0 - pH 14.0, Interval: 1 pH	1	191
STPH-312-001	pH 4.0 - pH 10.0, Interval: 0.5 pH	1	191
STPH-313-001	pH 7.0 - pH 14, Interval: 0.5 pH	1	191
10 units "Saving package"			
STPH-311-010	pH 0.0 - pH 14.0, Interval: 1 pH	10	1638
STPH-312-010	pH 4.0 - pH 10.0, Interval: 0.5 pH	10	1638
STPH-313-010	pH 7.0 - pH 14, Interval: 0.5 pH	10	1638

METRIA

WINE pH INDICATOR STRIPS

These indicator strips are specific for testing the pH of the juice prior to fermentation during wine production. 50 strips per pack

reference	range	interval	pcs/pack	price/pack kr
WSPH-001-001	pH 2,8 - 4,4	pH 2,8 - 3,2 - 3,6 - 4,0 - 4,4	1	100

UNIVERSAL pH TEST PAPERS, STRIPS

METRIA

Each plastic box contains 200 paper strips and a printed color scale for comparison

reference	type	pcs/pack	price/pack kr
CSPH-001-001	pH 1 - 11, Interval: 1 pH	1	97
CSPH-002-001	pH 1 - 14, Interval: 1 pH	1	97
CSPH-003-001	pH 1.0 - pH 3.5, Interval: 0.5 pH	1	97
CSPH-004-001	pH 3.6 - pH 5.1, Interval: 0.3 pH	1	97
CSPH-005-001	pH 5.2 - pH 6.7, Interval: 0.3 pH	1	97
CSPH-006-001	pH 6.8 - pH 8.3, Interval: 0.3 pH	1	97
CSPH-007-001	pH 8.4 - pH 10.0, Interval: 0.3 pH	1	97
CSPH-008-001	pH 4.0 - pH 8.0, Interval: 0.5 pH	1	97

POCKET pH METER

METRIA

CE

Simply and compact pH meter. pH range: 0 - 14 pH, precision: ± 0.1 pH. Automatic temperature compensation (0 - 50 °C). Single point manual calibration. Fix electrode. 4 battery cells 1.5 V LR44 (included). Dimensions: 152 x 30 x 21 mm. Weight: 50 g

reference	description	pcs/pack	price/pack kr
PHMT-600-001	pH meter, pH600	1	259

POCKET pH METER, WATER-TIGHT

METRIA

CE

pH meter compact with interchangeable electrode and automatic temperature compensation. pH range: 0 - 14 pH, precision: ± 0.05 pH. Temperature range: 0 - 60 °C, accuracy ± 1 °C. Calibration in 2 points (pH 4.01, 7.00 and 10.01). Water-tight (IP 65 protection). Warranty 1 year

reference	description	pcs/pack	price/pack kr
PHMT-030-001	pH meter, pHscan 30	1	1078
Spare parts			
PHMT-A30-001	spare electrode	1	576

"PORTABLE pH METER, PH7

XS

CE

pH meter portable with automatic and manual temperature compesation. pH range: 0 - 14 pH and ± 1000 mV (redox). Standard BNC connector for pH and redox electrodes. Automatic calibration in 3 points (pH 4.01, 7.00 and 10.01). Includes transportation case, rubber case, buffer solutions (pH 4.01 and 7.00), electrode for general use with BNC fixed cable and CAT probe. Warranty 3 year. Compatible with METRIA electrodes (PHEL). Delivery 1 week

reference	description	pcs/pack	price/pack kr
PHMT-007-001	pHmeter, pH7 , with electrode	1	7058
Spare parts			
PHMT-A07-001	spare electrode for pH7 and pH50+	1	2187
PHMT-A01-001	spare redox probe for pH7 and pH50+	1	2037

METRIA

PORTABLE pH METER. M22

Portable pH/ORP meter with automatic or manual temperature compensation (between 0 and 100 ° C). Range: -2.00 - 20.00 pH, accuracy ± 0.01 pH. ORP range: ± 1.999 mV, accuracy ± 1 mV. BNC standard connector for pH or redox electrodes and Phone Plug (3.5 mm) for the CAT probe. Up to 3 calibration points according to the USA (pH 4.01, 7.00 and 10.01) or NIST (pH 4.01, 6.86 and 9.18). Backlit LCD screen and auto-off function. Stability indicator that recognizes the measurement as stable and expanded memory with a capacity of 100 transferable readings via USB interface. Indication of the electrode calibration slope that helps the user to decide when to replace it. Power supply 3 x 1,5 V AA batteries (included) or DC5V adapter (not included). Includes transport case, buffer solutions (pH 4.01 and 7.00), METRIA PHEL-GB1-001 (maximum service temperature 80 °C) electrode and ATC probe. Warranty 2 years

reference	description	pcs/pack	price/pack kr
PHMT-M22-001	pHmeter M22, with electrode and ATC probe	1	5160
Spare parts			
PHMT-A03-001	red-ox probe	1	2164

XS

“DESKTOP pH METER, PH50+

Desktop pH meter with automatic and manual temperature compensation (between 0 and 80 °C). pH range: 0 - 14 pH, resolution: 0.01 pH, accuracy ± 0.02 pH. Redox range: ± 1000 mV, resolution ± 1 mV. Standard BNC connector for pH and redox electrodes. Automatic calibration in 3 points (pH 4.01, 7.00 and 10.01). Backlit LCD display. Keypad resistant to water, bases and acids splashes. Stable measurement indication. Includes buffer solutions (pH 4.01 and 7.00), electrode arm, electrode for general use with BNC fixed cable and integrated CAT probe. Plastic body electrode, with gel electrolyte, pH range 0 - 14 and 0 - 60 °C. Warranty 3 years. Delivery 1 week

reference	description	pcs/pack	price/pack kr
PHMT-P50-001	pHmeter, pH50+, with electrode	1	8533
Spare parts			
PHMT-A07-001	spare electrode for pH7 and pH50+	1	2187
PHMT-A01-001	spare redox probe for pH7 and pH50+	1	2037

METRIA

DESKTOP METER, M21

Benchtop pH/ORP meter with automatic or manual temperature compensation (between 0 and 100 ° C). Range: -1.00 - 15.00 pH, resolution: 0.01 pH, accuracy ± 0.01 pH. Redox range: ± 1999 mV, accuracy ± 1 mV. Standard BNC connector for pH or redox electrodes and Phone Plug (3.5 mm) for the ATC probe. Autocalibration in 3 points according to USA (pH 4.01, 7.00 and 10.01) or NIST (pH 4.01, 6.86 and 9.18). Backlit LCD screen. Auto-Hold feature senses and locks the measurement endpoint. Automatic electrode slope display helps user decide chether to replace the sensor. Includes buffer solutions (pH 4.01, 7.00 and 10.01), electrode holder, METRIA electrode PHEL-GB1-001 (maximum service temperature 80 °C) and CAT probe. Warranty 2 years. Stirrer STIS-000-001 recommended

reference	description	pcs/pack	price/pack kr
PHMT-M21-001	pHmeter M21, with electrode and ATC probe	1	5093
Spare parts			
PHMT-A03-001	red-ox probe	1	2164

DESKTOP pHMETER, M92

METRIA

Benchtop pH/ORP meter with automatic or manual temperature compensation (between 0 and 100 ° C). Range: -2.000 - 20.000 pH, resolution: 0.001 pH, precision ± 0.002 pH. ORP range: ± 1999 mV, resolution ± 0.2 mV. Standard BNC connector for pH or redox electrodes and Phone Plug (3.5 mm) for the ATC probe. Auto-calibration from 1 to 5 points according to USA, NIST, DIN or customized and recalibration alarm from 1 to 31 days. Backlit LCD screen. Stability indicator that recognizes the measurement as stable and expanded memory with a capacity of 500 readings. Includes buffer solutions (pH 4.01, 7.00 and 10.01), electrode holder, METRIA PHEL-GB1-001 electrode (maximum service temperature 80 °C), CAT probe and USB cable. Warranty 2 years. STIS-000-001 stirrer recommended

reference	description	pcs/pack	price/pack kr
PHMT-M92-001	pHmeter M92, with electrode and ATC probe	1	7658
Spare parts			
PHMT-A03-001	red-ox probe	1	2164

PLASTIC BODY DUAL pH ELECTRODE WITH ATC PROBE, GENERAL USE

METRIA

Plastic body (epoxy), specially designed for general use. Reference element Ag/AgCl, gel non refillable electrolyte and porous teflon diaphragm. pH range 0 - 14, maximum service temperature 100 °C. Dimensions: 120 x 12 mm. Available with BNC connection and 1 m cable, and two types of ATC probe connections: 10K/3.5 mm Jack for METRIA meters and 30K/CINCH for XS, Mettler-Toledo, FISHER and VWR meters

reference	conector	pcs/pack	price/pack kr
PHDE-PM1-001	10K/BNC/3.5mm JACK	1	2428
PHDE-PW1-001	10K/BNC/CINCH	1	2208
PHDE-PK1-001	30K/BNC/CINCH	1	2208

GLASS BODY DUAL pH ELECTRODE WITH ATC PROBE, INTENSIVE USE

METRIA

For general laboratory uses and measurements that require greater precision in liquids and non-aqueous solutions, aggressive samples. Resists poisoning and fouling. Reference element Ag/AgCl, non refillable electrolyte and porous teflon diaphragm. pH range 0 - 14, maximum service temperature 130 °C. Dimensions: 120 x 12 mm. Available with BNC connection and 1 m cable, and two types of ATC probe connections: 10K/3,5 mm Jack for METRIA meters and 30K/CINCH for XS and Mettler-Toledo

reference	conector	pcs/pack	price/pack kr
PHDE-GM2-001	10K/BNC/3.5mm JACK	1	3485
PHDE-GW2-001	10K/BNC/CINCH	1	3292
PHDE-GK2-001	30K/BNC/CINCH	1	3292

EPOXY BODY pH ELECTRODE FOR EDUCATIONAL USE *BASIC LINE*

METRIA

Specially designed for educational market, combining quality at an affordable price. Minimum maintenance, less frequent calibrations and greater stability. Plastic body (epoxy). Reference element Ag/AgCl, gel non refillable electrolyte and fiber diaphragm. pH range 0 - 14, maximum service temperature 60 °C. Dimensions: 120 x 12 mm. Fixed cable 1 m long with BNC connector

reference	conector	pcs/pack	price/pack kr
PHEL-EDU-001	1 m cable + BNC	1	724

METRIA

EPOXY BODY pH ELECTRODE, GENERAL USE

Plastic body (epoxy), specially designed for general use in portable pH meters. Reference element Ag/AgCl, gel non refillable electrolyte and porous teflon diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-PB1-001	1 m cable + BNC	1	1075
PHEL-PS1-001	S7	1	1075

METRIA

GLASS BODY pH ELECTRODE, GENERAL USE

For general use. Aqueous solutions. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and annular ceramic diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (lenght: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-GB1-001	1 m cable + BNC	1	1078
PHEL-GS1-001	S7	1	1078

METRIA

EPOXY BODY pH ELECTRODE, INTENSIVE USE

Plastic body (epoxy), specially designed for general use in portable pH meters and also for industrial uses. Reference element Ag/AgCl, gel non refillable electrolyte and double porous teflon diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (lenght: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-PB2-001	1 m cable + BNC	1	1670

METRIA

GLASS BODY pH ELECTRODE, INTENSIVE USE

For general use and high accuracy measurements in liquids and non aqueous samples. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and double ceramic diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-GB2-001	1 m cable + BNC	1	2293

METRIA

GLASS BODY pH ELECTRODE, SEMI MICRO APPLICATIONS

Glass body electrode, specially designed for measuring pH in very small sample volumes or narrow vessels. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and frit ceramic diaphragm. pH range 0 - 14, maximum service temperature 80°C. Stem dimensions: 90 x 4,5 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-GB3-001	1 m cable + BNC	1	1980

GLASS BODY pH ELECTRODE, FOR LIQUIDS

METRIA

Glass body electrode, specially designed for measuring pH in liquids and deep flasks with narrow neck. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and frit ceramic diaphragm. pH range 0 - 14, maximum service temperature 80°C. Lower shaft dimensions: 150 (±2mm) x 6,2 mm (±2mm). BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-LB1-001	1 m cable + BNC	1	1567

EPOXY BODY pH ELECTRODE, DIFICULT SAMPLES

METRIA

Specially designed for measuring difficult samples: dairy products, viscose samples, creams, surface measurements (paper, Agar, skin, ...). Reference element Ag/AgCl, partial gel refillable electrolyte (3.5M KCl/AgCl) and teflon diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-PB4-001	1 m cable + BNC	1	2897

GLASS BODY pH ELECTRODE FOR HIGH TEMPERATURE MEASUREMENTS

METRIA

Specially designed for high temperature measurements and for industrial pipeline. Reference element Ag/AgCl, gel non refillable electrolyte and double teflon diaphragm. pH range 0 - 14, maximum service temperature 130 °C. Dimensions: 120 x 12 mm. Fixed cable 1 m long with BNC connector

reference	conector	pcs/pack	price/pack kr
PHEL-GB6-001	1 m cable + BNC	1	3185

PENETRATION pH ELECTRODE FOR SOLIDS AND SEMI-SOLIDS

METRIA

Penetration food probe specially designed for measuring pH of: meat, cheese and semi solids. Robust Teflon Bodied. Reference element Ag/AgCl, gel non refillable electrolyte and teflon diaphragm. pH range 0 - 14, maximum service temperature 60 °C. Dimensions: 75 x 8 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-PB5-001	1 m cable + BNC	1	2238

GLASS BODY pH ELECTRODE, FOR SLURRIES AND SOIL MEASUREMENTS

METRIA

Glass body electrode, specially designed for measuring pH in slurries and soil. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and frit ceramic diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 12 x 120 mm. BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack kr
PHEL-MB1-001	1 m cable + BNC	1	1950

CABLE FOR ELECTRODES WITH S7 HEAD

METRIA

BNC connector cable for electrodes with S7 head

reference	length	pcs/pack	price/pack kr
PHAC-001-001	1 m	1	738

labkem

CONSERVATION ELECTRODE SOLUTIONS

Electrolyte solutions for the conservation of the electrode and enzymatic cleaning solution for the membrane electrode

reference	description	package	price/pack kr
POCL-30A-250	solution for conservation, potassium chloride 3M	P 250 ml	129
POCL-A0A-250	potassium chloride 3M+AgCl - re-fillable electrodes	P 250 ml	188
SCME-00A-250	electrode cleaning solution (Pepsin)	P 250 ml	162

labkem

pH BUFFER SOLUTION

Colored solutions to prevent mistakes. Free calibration certificate available on the website. Certificates traceable to SRM from NIST. Variation table of pH/temperature on the label. Use within 12-15 months of opening

reference	type	package	price/pack kr
PHBS-002-250	pH 1,68 ± 0,01 (20 °C) - colourless	P 250 ml	188
PHBS-004-250	pH 4,00 ± 0,01 (20 °C) - red	P 250 ml	98
PHBS-004-1K0	pH 4,00 ± 0,01 (20 °C) - red	P 1000 ml	117
PHBS-007-250	pH 7,00 ± 0,01 (20 °C) - yellow	P 250 ml	98
PHBS-007-1K0	pH 7,00 ± 0,01 (20 °C) - yellow	P 1000 ml	117
PHBS-0A9-250	pH 9,21 ± 0,01 (20 °C) - colourless	P 250 ml	98
PHBS-0A9-1K0	pH 9,21 ± 0,01 (20 °C) - colourless	P 1000 ml	98
PHBS-010-250	pH 10,00 ± 0,01 (20 °C) - blue	P 250 ml	133
PHBS-010-1K0	pH 10,00 ± 0,01 (20 °C) - blue	P 1000 ml	117
PHBS-012-250	pH 12,65 ± 0,01 (20 °C) - colourless	P 250 ml	188

labkem

pH BUFFER SOLUTION WITH MEASURING CHAMBER

Bottle with a separate measuring chamber, “twin-neck”. No other containers are required during the calibration process and subsequent cleaning thereof, preserving the purity of the buffer solution. Colored solutions to prevent mistakes. Certificates traceable to SRM from NIST. Variation table of pH / temperature on the label. Use within 12-15 months of opening

reference	type	package	price/pack kr
PHBW-002-500	pH 1,68 ± 0,01 (20 °C) - colourless	P 500 ml	224
PHBW-004-500	pH 4,00 ± 0,01 (20 °C) - red	P 500 ml	138
PHBW-004-1K0	pH 4,00 ± 0,01 (20 °C) - red	P 1000 ml	171
PHBW-007-500	pH 7,00 ± 0,01 (20 °C) - yellow	P 500 ml	138
PHBW-007-1K0	pH 7,00 ± 0,01 (20 °C) - yellow	P 1000 ml	171
PHBW-0A9-500	pH 9,21 ± 0,01 (20 °C) - colourless	P 500 ml	144
PHBW-010-500	pH 10,00 ± 0,01 (20 °C) - blue	P 500 ml	138
PHBW-012-500	pH 12,65 ± 0,01 (20 °C) - colourless	P 500 ml	224

pH BUFFER CAPSULE

labkem

Twist the capsule, open and pour the granules in 100ml of DI (deionised) water, shake the solution so the granules dissolve and the solution is ready to use. Once made up the buffer should last approximately one week, before it's too weak to use. NIST certified. Tolerance margin of ± 0,02 if used with deionised water. Tests show the same results even if the volume is not totally accurate, no need to measure with an exact volumetric flask and a pipette. If to use as a side information it can be used with distilled water and even tap water

reference	type	pcs/pack	price/pack kr
PHBC-004-010	pH 4,01 ± 0,02 (25 °C)	10	304
PHBC-007-010	pH 7,00 ± 0,02 (25 °C)	10	304
PHBC-009-010	pH 8,96 ± 0,02 (25 °C)	10	304
PHBC-010-010	pH 10,01 ± 0,02 (25 °C)	10	304

POCKET CONDUCTIVITY METER, BASIC SERIES

METRIA

CE

Range: 10 to 1990 µS/cm, res.: 10 µS/cm and accuracy ±2% full scale. Single point manual calibration. Automatic temperature compensation from +5 up to +50 °C. Built in a one-piece casing. Battery type: 4 x 1.5V LR44 (included). Dimensions: 150 x 30 x 24 mm, weight 85 g

reference	range	pcs/pack	price/pack kr
COMT-601-001	10 - 1990 µS/cm	1	259

POCKET CONDUCTIVITY METER, WATER-TIGHT

METRIA

NEW

CE

Water-tight, compact conductivity meter with interchangeable cell and automatic temperature compensation (0 - 50 °C). Conductivity range according to model: 1,0 - 199.9 µS/cm, 10 - 1999 µS/cm or 0,1 - 19.99 mS/cm, accuracy ±1% F.S. (full scale). Single point calibration. Auto-power off feature helps you effectively conserve battery life. Warranty 1 year

reference	resolution	calibration solutions	range	pcs/pack	price/pack kr
COMT-020-001	0,1 µS	146 µS	1.0 - 199,9 µS/cm	1	1229
COMT-030-001	1 µS	1413 µS	10 - 1999,9 µS/cm	1	1229
COMT-040-001	0,01 mS	12,88 mS	0.1 - 19,9 mS/cm	1	1229
Spare parts					
COMT-A04-001		conductivity cell		1	592

"PORTABLE CONDUCTIVITY METER, COND7 VIO

XS

CE

Portable conductivity meter with automatic and manual temperature compensation. Range: 0 - 19.99 µS/cm, 0 - 199.9 µS/cm, 200 - 1999 µS/cm, 2.00 - 199.9 mS/cm. Automatic calibration in 5 points (84, 147, 1413 µS/cm, 12.88 y 111 mS/cm) and manual calibration in 5 points. Includes transportation case, rubber case, two buffer solutions and a conductivity cell for general use (K=1) with automatic temperature compensation. Warranty 3 years. Delivery 1 week

reference	description	pcs/pack	price/pack kr
COMT-007-001	conductivity meter, COND7 VIO, with probe	1	6844
Spare parts			
COMT-A02-001	conductivity cell for COND7 VIO and COND50	1	2751

METRIA

CE

PORTABLE CONDUCTIVITY METER, M52

Portable conductivity meter with automatic temperature compensation (between 0 and 105 °C). Conductivity measuring ranges 10,00 to 20, 200, 2000,00 µS/cm, 20.00 mS/cm, accuracy ± 0.5%. Expandable to conductivity range 10.00 µS/cm - 200.0 mS/cm, accuracy ± 0.5% with COEL-P0H-001 (K = 10, for measurements > 20 mS/cm) and to conductivity range 0.01 µS/cm - 20.00 mS/cm, accuracy ± 0.5% with COEL-G0L-001 (K = 0,1, for measurements <10 µS/cm). Calibration of 1 to 3 points with automatic recognition of 5 conductivity standards: 10 µS/cm, 84 µS/cm, 1413 µS/cm, 12.88 mS/cm and 111.8 mS/cm. Backlit LCD screen. Stable measurement indication and auto-off function. Storage memory of 100 records. Calibration alarm from 1 to 31 days. Selectable constant K (0.1 - 1 - 10) and linear temperature coefficient. Power supply 3x1,5V AA batteries (not included) or DC5V adapter (not included). Includes standard solutions 84 µS/cm, 1413 µS/cm and 12.88 mS/cm (solutions do not include certificate), conductivity electrode K = 1 (COEL-P0S-001) and temperature sensor. 2 year warranty

reference	description	pcs/pack	price/pack kr
COMT-M52-001	conductivity meter M52 with electrode COEL-P0S-001 and ATC probe	1	6116

XS

CE

"DESKTOP CONDUCTIVITY METER, COND50

Desktop conductivity meter with manual and automatic temperature compensation (between 0 and 99 °C). Available ranges (range is automatically chosen): 0,0 - 200,0 µS/cm, 200,0 - 2000 µS/cm, 2,00 - 20,00 mS/cm, 20,0 - 200,0 mS/cm, accuracy ±1 % full scale. Automatic and manual calibration with automatic recognition of 4 conductivity solutions: 84, 1413 mS / cm and 12.88, 111.8 mS/cm. Stable measurement indication. Includes sensor support, two buffer solutions and conductivity cell with integrated temperature sensor (K=0,1 - 1,0 - 10,0 selectable). Keypad resistant to water, bases and acids splashes. Backlit LCD. Warranty 3 years. Delivery 1 week

reference	description	pcs/pack	price/pack kr
COMT-P51-001	conductivity meter, COND50, with probe	1	10672
Spare parts			
COMT-A02-001	conductivity cell for COND7 and COND50	1	2751

METRIA

CE

DESKTOP CONDUCTIVITY METER, M51

Conductivity/TDS desktop meter with automatic temperature compensation (between 0 and 100 °C). Conductivity measuring ranges 10,00 to 20, 200, 2000,00 µS/cm, 20.00 mS/cm, accuracy ± 1% and TDS 0 - 100,0 ppt (max. 200 ppt), accuracy ± 1%. Expandable to conductivity range 10,00 µS/cm - 200,0 mS/cm, accuracy ± 1% and TDS 0 - 100,0 ppm (max. 200 ppm), accuracy ± 1% with COEL-P0H-001 (K = 10, for measurements > 20 mS/cm) and to conductivity range 0,1 µS/cm - 20,00 mS/cm, accuracy ± 1% and TDS 0 - 10,0 ppt (max. 20 ppt), accuracy ± 1% with COEL-G0L-001 (K = 0 , 1, for measurements <10 µS/cm). Calibration of 1 to 3 points with automatic recognition of 5 conductivity standards: 10 µS/cm, 84 µS/cm, 1413 µS/cm, 12,88 mS/cm and 111,8 mS/cm. Backlit LCD screen. Stable measurement indication and auto-off function. Selectable TDS conversion factor (0,01 - 1,00), constant K (0,1 - 1 - 10) and temperature coefficient (0,0 - 10,0%). Includes standard solutions 84 µS/cm, 1413 µS/cm and 12,88 mS/cm (solutions do not include certificate), conductivity electrode K = 1 (COEL-G0S-001) and a temperature sensor. Warranty 2 years

reference	description	pcs/pack	price/pack kr
COMT-M51-001	conductivity meter M51 with electrode COEL-G0S-001 and ATC probe	1	5719

CONDUCTIVITY ELECTRODES

METRIA

Conductivity electrodes with temperature compensation to be used with COMT-M51-001 or COMT-M52-001.
Dimensions 120 x 12 mm, BNC connection with 1 m cable length.
K = 1: conductivity values (0 - 150 mS/cm), temperature range (0 - 100°C).
General purpose, plate material: platinum
K = 10: conductivity values (0 - 500 mS/cm), temperature range (0 - 100°C).
For high conductivity solutions, plate material: carbon
K = 0,1: conductivity values (0 - 500 µS/cm), temperature range (0 - 50°C).
For pure water, plate material: platinum

reference	description	pcs/pack	price/pack kr
COEL-G0S-001	glass standard conductivity electrode, BNC, K = 1	1	1992
COEL-P0S-001	plastic standard conductivity electrode, BNC, K = 1	1	1889
COEL-G0H-001	glass standard conductivity electrode, BNC, K = 10	1	2871
COEL-P0H-001	plastic standard conductivity electrode, BNC, K = 10	1	3158
COEL-G0L-001	glass standard conductivity electrode, BNC, K = 0,1	1	3012

CONDUCTIVITY SOLUTION

labkem

Tolerance ±1% of the declared value. Certificates traceable to SRM from NIST. With variation table of conductivity / temperature on the label. Use within 12 months of opening (6 months for COSS-10U-500)

reference	type	package	price/pack kr
COSS-10U-500	10 µS/cm (25 °C)	P 500 ml	309
COSS-084-500	84 µS/cm (25 °C)	P 500 ml	318
COSS-147-500	147 µS/cm (25 °C)	P 500 ml	318
COSS-1K4-500	1413 µS/cm (25 °C)	P 500 ml	318
COSS-012-500	12,88 mS/cm (25 °C)	P 500 ml	318
COSS-111-500	111,8 mS/cm (25 °C)	P 500 ml	318

"MULTIPARAMETER TESTER, PC5

XS

CE

A single compact device to mesure pH, mV, conductivity, TDS, salinity and temperature. With interchangeable probe. pH range: -2 ... 16,00 pH, accuracy ±0.01 pH and 1...3 points calibration. mV (redox) mesuring range: ±500. Conductivity range: 0 - 200 µS/cm, 0 - 2000 µS/cm, 0 - 20,00 mS/cm, accuracy: ±0.5 % (value reading) and 1...3 points calibration. Temperature range: 0 - 50 °C, accuracy ±0.2 °C. TDS range: 0,1 mg/L - 10 g/L, accuracy: 0,5 % (value reading). Salinity range: 0,01 - 10 ppt. Water-tight, IP 67. Includes: MPMT-A05-001 electrode. Warranty 2 years. Delivery 1 week

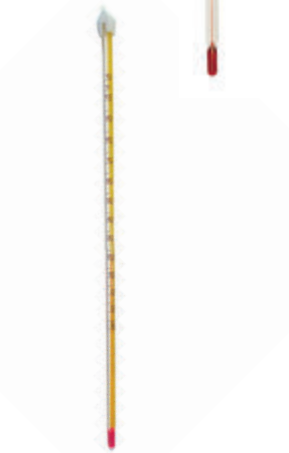
reference	description	pcs/pack	price/pack kr
MPMT-005-001	multiparameter tester, PC5	1	3422
Accessories and spare parts			
MPMT-A05-001	spare electrode	1	1954
MPMT-A35-001	red-ox probe	1	1997

METRIA

THERMOMETER

Chemical thermometers filled with colored liquid (without mercury)

reference	range	readability	Ø (mm)	l (mm)	pcs/pack	price/pack kr
THER-060-001	-10 +60 °C	± 1 °C	6	250	1	72
THER-110-001	-10 +110 °C	± 1 °C	6	300	1	72
THER-150-001	-10 +150 °C	± 1 °C	6	300	1	72
THER-200-001	-10 +200 °C	± 1 °C	6	305	1	84
10 units "Saving package"						
THER-060-010	-10 +60 °C	± 1 °C	6	250	10	600
THER-110-010	-10 +110 °C	± 1 °C	6	300	10	600
THER-150-010	-10 +150 °C	± 1 °C	6	300	10	600
THER-200-010	-10 +200 °C	± 1 °C	6	305	10	720
50 units "Saving package"						
THER-060-050	-10 +60 °C	± 1 °C	6	250	50	2400
THER-110-050	-10 +110 °C	± 1 °C	6	300	50	2400
THER-150-050	-10 +150 °C	± 1 °C	6	300	50	2400
THER-200-050	-10 +200 °C	± 1 °C	6	305	50	2800



France

THERMOMETER

Yellow enameled rod. Filled with red colored liquid (without mercury). Partial immersion (76 mm). Laboratory-tested accuracy

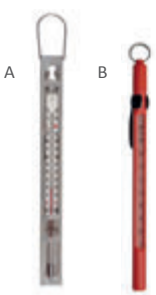
reference	range	readability	accuracy	Ø (mm)	l (mm)	pcs/pack	price/pack kr
THER-60A-010	-10 + 60 °C	± 0,5 °C	± 1 °C	6 - 7	305	10	695
THER-11A-010	-20 + 110 °C	± 1 °C	± 2 °C	6 - 7	305	10	695
THER-15A-010	-20 + 150 °C	± 1 °C	± 2 °C	6 - 7	305	10	757

France

THERMOMETER WITH PRECISION AND TRACEABILITY CERTIFICATE

Yellow enameled rod. Filled with blue colored organic liquid (without mercury, ecologically safe). Indelible printing scale resistant to chemical products. Triangular ring to prevent the thermometer from rolling. Partial immersion at 76 mm. The batch number is not printed on the thermometer. Connected to the 3 following calibration channels: MRA/ILAC (COFRAC, DKD...), NIST and GOST

reference	range	readability	accuracy	Ø (mm)	l (mm)	pcs/pack	price/pack kr
THER-60C-001	-10 + 60 °C	± 0,5 °C	± 0,8 °C	6 - 7	305	1	216
THER-11C-001	-20 + 110 °C	± 1 °C	± 1 °C	6 - 7	305	1	237
THER-15C-001	-20 + 150 °C	± 1 °C	± 2 °C	6 - 7	305	1	239



METRIA

THERMOMETER WITH COVER

Thermometers filled with colored liquid (without mercury) and protected inside a cover to avoid any breakage in freezers or oven

reference	range	readability	l (mm)	type	pcs/pack	price/pack kr
THES-120-001	0 +120 °C	±1 °C	300	stainless steel shielded (A)	1	567
THES-200-001	+80 +200 °C	±1 °C	300	stainless steel shielded (A)	1	588
THES-041-001	-40 +40 °C	±1 °C	170	plastic shielded (B)	1	232

DIGITAL THERMOMETER WITH PROBE SENSOR, TP3001

METRIA

Fixed probe made of stainless steel, 145 mm long. Temperature unit °C/°F. Range: -50 +300 °C (-58 +572 °F), resolution 0.1 °C/°F. Hold function included (temperature hold in display). Power supply: 1 battery cell G13. Dimensions: 235 x 22 mm, weight 25 g. Includes PVC protection cover

reference	range	type	pcs/pack	price/pack kr
THER-D30-001	-50 +300 °C	straight	1	172

DIGITAL THERMOMETER WITH FOLDABLE PROBE, KT-600

METRIA

Foldable probe made of stainless steel, 100 mm long. Temperature unit °C/°F. Range: -50 +300 °C (-58 +572 °F), resolution 0.1 °C/°F. Power supply: 1 battery LR44 type 1.5V. Dimensions: 243 x 33 mm (143 x 33 mm folded)

reference	range	type	pcs/pack	price/pack kr
THER-D33-001	-50 +300 °C	foldable	1	186

DIGITAL INDOOR THERMOMETER, DC108

METRIA

Thermo-hygrometer with wall and table holder. Temperature unit °C/°F. Temperature range: -10 up to +50 °C (+14 + 122°F), resolution 0.1 °C/°F. Humidity measuring range: 20% to 90% with 1% resolution. Functions: maximum temperature, minimum temperature and comfort area. Power supply: 1 battery 1.5 V type AAA. Dimensions: 91 x 85 x 20 mm, weight 96 g. CE certification

reference	range	accuracy	pcs/pack	price/pack kr
THER-D31-001	-10 +50 °C	±1 °C	1	166

DIGITAL INDOOR THERMO-HYGROMETER WITH TIMER, KT-9

METRIA

Thermo-hygrometer with holder. Display for indoor temperature and humity, time and timer. Temperature unit °C/°F. Temperature range: -10 up to +50 °C (+14-122 °F), resolution 0.1 °C/°F. Humidity range: 20% to 95% with 1% resolution. Timer range: 0 to 99 min. Power supply: 2 batteries AAA 1.5 V.
Dimensions: 105 x 105 x 20 mm

reference	range	accuracy	pcs/pack	price/pack kr
THER-D34-001	-50 +70 °C / 20% - 95% / 0 - 99 min	0.1 °C / 1 % / 1 s	1	341

DIGITAL INDOOR/OUTDOOR THERMOMETER, DC105

METRIA

Thermo-hygrometer with table holder. Double display for indoor and outdoor temperature. Sensor probe cable for outdoor long 1 m. Temperature unit °C/°F. Indoor temperature range: -10 up to +50 °C (+14-122 °F), resolution 0.1 °C/°F. Outdoor temperature range: -50 up to +90 °C (-58+194 °F), resolution 0.1 °C/°F. Humidity measuring range: 20% to 90% with 1% resolution. Functions: maximum temperature, minimum temperature and comfort area. Power supply: 1 battery cell AAA 1.5 V. Dimensions: 98 x 58 x 13 mm, weight 78 g. CE certification

reference	range	accuracy	pcs/pack	price/pack kr
THER-D32-001	-50 +90 °C	±1 °C	1	243

METRIA

DIGITAL INDOOR/OUTDOOR THERMO-HYGROMETER, HC-520

Thermo-hygrometer with holder. Display for indoor and outdoor temperature and indoor humidity. 1 m long sensor probe cable for outdoor. Temperature unit °C/°F. Indoor temperature range: -10 up to +50 °C (+14-122 °F), resolution 0.1 °C/°F. Outdoor temperature range: -50 up to +70 °C (-58+158 °F), resolution 0.1 °C/°F. Humidity measuring range: 20% to 90% with 1% resolution. Memory for MAX/MIN value of temperature and humidity and "RESET" button in the front panel. Power supply: 1 battery AAA 1.5 V. Dimensions: 98 x 75 x 18 mm

reference	range	accuracy	pcs/pack	price/pack kr
THER-D35-001	-50 +70 °C / 20% - 90%	0.1 °C / 1 %	1	205

METRIA

DIGITAL THERMO-HYGROMETER FOR REFRIGERATORS/FREEZERS, C602

Thermo-hygrometer with holder and magnet for an easy installation on the outside of refrigerators/freezers. Display that shows indoor and outdoor temperature and humidity. 1 m long sensor probe cable. Temperature unit °C/°F. Indoor temperature range: -10 up to +50 °C (+14 +122 °F), resolution 0.1 °C/°F. Outdoor temperature range: -40 up to +70 °C (-40 +158 °F), resolution 0.1 °C/°F. Relative humidity measuring range: 20% to 95% with 1% resolution. User-definable alarm function of maximum and minimum temperatures. LED alarm indicator. Power supply: 1 battery LR44 1.5 V. Dimensions: 65 x 59 x 18 mm

reference	range	accuracy	pcs/pack	price/pack kr
THER-D36-001	-40 +70 °C / 20 % - 95 %	0,1 °C / 1 %	1	118

TFA

INFRARED LASER DIGITAL THERMOMETER, -33 °C UP TO +500 °C

Range: -33 °C up to +500 °C. Accuracy: 1 °C or ±1% from +15 °C and +35 °C, for the remaining temperatures 2 °C or ±2%. Laser pointer type II, answer time 1 second. Optical resolution: 12:1. Illuminated screen. Operating environment: 0 +50 °C. Dimensions: 175 x 80 x 39 mm, weight 180 g. Power supply: 2 battery cells 1,5 V AAA. Bag included. Warranty 1 year

reference	range	accuracy	pcs/pack	price/pack kr
THER-L03-001	-33 +500 °C	± 1 °C / ± 2 °C	1	1775

Berrcom

PROFESSIONAL INFRARED LASER THERMOMETER, FOR BODY TEMPERATURE

Non-contact infrared thermometer, designed to measure body temperature by heat emitted from the forehead and for measuring temperature on objects. Body mode, surface mode and room mode. High temperature or fever alarm. Coloured display depending on obtained temperature value (green, orange or red). Storage of the last 32 readings. Auto power off. Large screen with backlight. Celsius or Fahrenheit degrees. Effective measurement distance: 3-5 cm. Range in human body: 32,0-43,0 °C. Accuracy (35,0-42,0 °C): ± 0,2 °C. Resolution: 0,1 °C. Measurement time

reference	range	accuracy	accuracy (35,0-42,0 °C)	pcs/pack	price/pack kr
THER-IRB-001	0 - 60 °C	± 0,3 °C	± 0,2 °C	1	669

BATTERIES

For office and laboratory equipment

reference	description	pcs/pack	price/pack kr
BTTY-D3A-010	Duracell Industrial LR03 (AAA) alkaline battery case, 10 pcs	10	115
BTTY-D2A-010	Duracell Industrial LR06 (AA) alkaline battery case, 10 pcs	10	115
BTTY-KCR-005	Kodak CR2032 lithium button cell battery, in strips, 5 pcs	5	82
BTTY-VLR-010	Vinnic LR44 alkaline battery, in strips, 10 pcs	10	103
BTTY-F36-001	Fullwat 3,6 V ER14250 (1/2AA) lithium battery	1	103

DATA LOGGER FOR TEMPERATURE MEASUREMENT

METRIA

Temperature data logger that can store up to 48.000 readings. Temperature measuring range: -30 °C up to 70 °C, resolution 0,1 °C and accuracy ±0,5 °C. LED display and alarm, minimum, maximum and mark function. EN 12830. Integrated USB that can download data to PC and generates PDF/Excel reports automatically containing summary, graphs and detailed data. Completely programmable: 6 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name. IP65 (88161) and IP67 (88160). 88161 allows the connection of an external temperature probe (not included). Power supply: 2 x 3,0 V CR2032 (included). 9 month battery life time. Warranty 1 year

reference	range	model	pcs/pack	price/pack kr
DLOG-00T-001	-30 °C + 70 °C	88160	1	1033
DLOG-02T-001	-30 °C + 70 °C	88161	1	1239
Accessories				
DLOG-A01-001	2 cm external probe for 88161, without handle. 200 cm cable (probe Ø 3,8 mm)		1	207
DLOG-A02-001	15 cm external probe for 88161, with handle. 116 cm cable (probe Ø 3,8 mm)		1	312

DATA LOGGER FOR TEMPERATURE, HUMIDITY AND PRESSURE MEASUREMENT

METRIA

Temperature, RH and barometric pressure (only on model 88163) data logger that can store up to 48.000 readings. Temperature measuring range: -30 °C up to 70 °C, resolution 0,1 °C and accuracy ±0,5 °C. Humidity range: 0,1 - 99% RH (0,1% resolution and 3% accuracy). Barometric pressure (88163): 300 - 1100 hPa (resolution 0,1 hPa and 3 hPa accuracy). LED display and alarm, minimum, maximum and mark function. EN 12830. Integrated USB that can download data to PC and generates PDF/Excel reports automatically containing summary, graphs and detailed data. Completely programmable: 6 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name. IP65 (does not include sensor area). Power supply: 2 x 3,0 V CR2032 (included). 9 month battery life time. Warranty 1 year

reference	range	model	pcs/pack	price/pack kr
DLOG-0HT-001	-30 °C + 70 °C / 0,1-99% RH	88162	1	1528
DLOG-PHT-001	-30 °C + 70 °C / 0,1-99% RH / 300-1100 hPa	88163	1	1777

"THERMO DATA LOGGER WITH INTERNAL SENSOR

ESCORT

Thermo data logger storing up to 16.240 readings. Range: -40 °C up to +70 °C, resolution 0.1 °C and accuracy ±0.3 °C from -10 °C to +70 °C, for the remaining temperatures ±0.5°C. Large LCD displays the minimum, maximum, average and time out of specifications. Data can be downloaded to PC with mini USB cable and activation through push button. No interface or proprietary software required, only a PDF reader. IP65. Power supply: 3V Lithium battery. Warranty 2 years

reference	range	type	pcs/pack	price/pack kr
LOGT-16K-001	-40 +70 °C	16.240 readings	1	2034

"DATA LOGGER WITH INTERNAL TEMPERATURE AND HUMIDITY SENSOR, LOG210

Temperature and humidity data logger that can store up to 100.000 readings. Temperature measuring range: -40 °C up to 70 °C, resolution 0.1 °C and accuracy ±0,5 °C from -10 °C to 40 °C, for the remaining temperatures ±1 °C. Humidity measuring range: 0% to 100% with 0,1% resolution and accuracy ±3% from 40 to 60%, for the remaining range ±5%. Large LCD displays the minimum, maximum and average. Integrated USB that can download data to PC and activation through push button. Generates data PDF reports automatically. Includes software and wall mount device. IP65. Power supply: 3,6 V Lithium battery. Warranty 2 years

reference	range	type	pcs/pack	price/pack kr
LOGH-210-001	-40 +70 °C / 0-100% HR	100.000 readings	1	2447

"DATA LOGGER WITH INTERNAL TEMPERATURE AND HUMIDITY SENSOR, ILOG

32000 readings. Temperature measuring range -40 °C to 70 °C, resolution 0.1 °C and accuracy ±0.3 °C. Humidity measuring range 2% to 98%, resolution 0.1% and accuracy ± 3%. LCD displays the minimum, maximum, average and time out of specifications. Data can be downloaded to PC with LOGH-A01-001 (not included) and managed with Console Plus software. IP51. Power supply: 3,6V Lithium battery LS14250 1/2AA. Warranty 2 years

reference	type	pcs/pack	price/pack kr
LOGH-32K-001	data logger iLOG	1	6875
Accessories			
LOGH-A01-001	interface USB connection for iLOG series includes Console Plus software	1	2909

"DATA LOGGER FOR TEMPERATURE MEASUREMENT, BUTTON TYPE

Temperature data logger that can store up to 8.192 readings. Registers date and time, programmable alarms with timing levels and countdown. Interval between 5 min and 243 h. Waterproof. Stainless steel capsule. ISO 17025. Battery life: 10 years max. between -30 and 50 °C (LOGT-BT1-001) and 30-50 sterilization cycles (LOGT-BT2-001) starting at 25 °C, holding at 121 °C for 15 min. and returning to 25 °C. 16 x 6 mm (Ø x h). Requires software and USB reader (not included). Warranty 2 years

reference	range	precision	readability	pcs/pack	price/pack kr
LOGT-BT1-001	-40 + 85 °C	± 0,5 °C	0,5 °C	1	3207
LOGT-BT2-001	0 + 125 °C	± 0,5 °C	0,1 °C	1	4962
Accessories					
LOGT-BP1-001	software for only one button and USB reader			1	3625
LOGT-BP2-001	software for up to five buttons and USB reader			1	12437
LOGT-BP3-001	software for unlimited buttons and USB reader			1	19822
LOGT-BTA-001	protection capsule for button type logger up to +140 °C			1	1678

"DATA LOGGER FOR HIGH TEMPERATURE, HITEMP140

Robust, with good precision, withstands harsh working conditions. 316 stainless steel. Temperature data logger that can store up to 32.700 readings. Interval between 1 s and 24 h. Body working temperature: -40 °C + 140 °C. Probe working temperature: -200 °C + 260 °C (the body can work at this range with the LOGT-HA1-001 accessory, not included). Pt100 sensor with resolution 0,01 °C and precision ± 0,1 °C (from 20 to 140 °C). rigid probe: (51 x 3,2 mm), body: (48 x 24,6 mm). IP68. Power supply: 3,6V high temperature lithium battery. Supplied with calibration certificate. Requires interface and LOGT-HA2-001 program (not included). Weight: 120g. Warranty 2 years. Delivery time 2 weeks

reference	description	pcs/pack	price/pack kr
LOGT-HIT-001	data logger for high temperature, HITEMP140	1	13875
Accessories			
LOGT-HA1-001	TS thermal protector for HITEMP140, -200 + 260 °C	1	2912
LOGT-HA2-001	software and IFC400 USB interface	1	3456

"DATA LOGGER FOR ULTRA LOW TEMPERATURE, CRYOTEMP

Temperature data logger that can store up to 32.767 readings. Interval between 5 s and 30 min. Temperature measurement range: -86 °C to 35 °C (can be used up to 55 °C), resolution 0.1 °C and accuracy ± 1 °C. LED traffic light status indicators. Designed with handle for easy attachment. IP64 protection. Requires interface and LOGT-CA1-001 program (not included). Power supply: 3.6 V lithium battery (LTC-7PN). Supplied with calibration certificate. 83 x 54 x 11 mm. Weight: 40g. Warranty 2 years

reference	description	pcs/pack	price/pack kr
LOGT-CRY-001	data logger for ultra low temperature, CryoTemp	1	6475
Accessories			
LOGT-CA1-001	software and IFC300 USB interface	1	2931

DIGITAL THERMO-HYGROMETER WITH REMOTE SENSOR

Sending the data through radio frequency from a remote probe. Temperature measuring range indoor: -10 °C to 50 °C, resolution 0.1 °C, outdoor: -20 °C to 50 °C, resolution 0.1 °C. Humidity measuring range: indoor 20% to 95%, resolution 1%, outdoor 20% to 99%, resolution 1%. Includes remote sensor with transmission range up to 30 m (open space). Maximum and minimum record with auto-reset every 24h. Power supply: 2x AAA batteries (not included). Dimensions: 137 x 97 x 19 mm

reference	type	pcs/pack	price/pack kr
HIGR-D23-001	digital thermohygrometer with remote sensor	1	751
Accessories and spare parts			
HIGR-A23-001	additional remote sensor	1	463

"PORTABLE THERMOMETER, TEMP 7 VIO PT100 MODEL

Range: -200 °C up to +999 °C, resolution 0.2 °C from 99,9 °C up to +199.9 °C (2 °C for the remaining temperatures). Probe included (Warning: probe measurements limits may be different than the thermometer). Functions: stability indicator, maximum, minimum, hold and automatic switch off. LCD screen. Battery life: >550 hours. Dimensions: 185 x 85 x 45 mm, weight 400 g. Includes a rubber cover and transportation case. IP56. Warranty 3 years. Delivery 1 week

reference	description	pcs/pack	price/pack kr
THER-D22-001	thermometer with immersion probe Ø 3 x 200 mm, -50 °C +400 °C	1	5172
THER-D26-001	thermometer with penetration probe Ø 4 x 150 mm, -50 °C +400 °C	1	5202

COMMERCIAL GRADE DENSITY HYDROMETERS

Not standardized. Reading below meniscus. Calibrated at 20 °C. Unit: g/ml. Length: 300 mm. These instruments are not delivered with calibration certificates

reference	range (g/ml)	accuracy (g/ml)	division (g/ml)	S.T. (mN/m)	pcs/pack	price/pack kr
HYDR-060-001	0,600 - 0,700	±0,002	0,001	20	1	164
HYDR-070-001	0,700 - 0,800	±0,002	0,001	25	1	128
HYDR-080-001	0,800 - 0,900	±0,002	0,001	30	1	128
HYDR-090-001	0,900 - 1,000	±0,002	0,001	35	1	128
HYDR-100-001	1,000 - 1,100	±0,002	0,001	55	1	119
HYDR-110-001	1,100 - 1,200	±0,002	0,001	55	1	119
HYDR-B65-001	0,650 - 1,000	±0,005	0,005	26/55	1	109
HYDR-10B-001	1,000 - 2,000	±0,010	0,01	55/75	1	109

BAUME HYDROMETERS

Unit: °Bé. Length: 280 mm. These instruments are not delivered with calibration certificates

reference	range (°Bé)	accuracy (°Bé)	division (°Bé)	S.T. (mN/m)	pcs/pack	price/pack kr
Calibrated at 15°C						
HYBE-010-001	0 - 10	±0,2	0,1	55	1	141
HYBE-020-001	10 - 20	±0,2	0,1	55	1	141
HYBE-030-001	20 - 30	±0,2	0,1	55	1	141
HYBE-040-001	30 - 40	±0,2	0,1	75	1	203
HYBE-050-001	40 - 50	±0,2	0,1	75	1	166
HYBE-060-001	50 - 60	±0,2	0,1	75	1	166
HYBE-070-001	60 - 70	±0,2	0,1	75	1	166
Calibrated at 20°C						
HYBE-210-001	0 - 10	±0,2	0,1	55	1	141
HYBE-220-001	10 - 20	±0,2	0,1	55	1	141

QUEVENNE MILK HYDROMETER

Compared to conventional hydrometers, it offers a more accurate option as it has a scale suitable for the range of milk. The instrument has the thermometer scale placed at the top, making reading easier despite the opacity of the milk. For opaque liquids like milk, the reading is taken above the meniscus. Calibrated at 20°C. Units: °C and g/ml. Length: 250 mm. This instrument is not delivered with calibration certificate

reference	range (g/ml)	accuracy (g/ml)	division (g/ml)	S.T. (mN/m)	pcs/pack	price/pack kr
LACD-Q01-001	1,015 - 1,040	±0,002	0,001	45	1	100

QUEVENNE MILK THERMO-HYDROMETER

Compared to conventional hydrometers, it offers a more accurate option as it has a scale suitable for the range of milk. The instrument has the thermometer scale placed at the top, making reading easier despite the opacity of the milk. For opaque liquids like milk, the reading is taken above the meniscus. Calibrated at 20 °C. Units: °C and g/ml. Length: 250 mm. This instrument is not delivered with calibration certificate

reference	range (g/ml)	accuracy (g/ml)	division (g/ml)	S.T. (mN/m)	range (°C)	pcs/pack	price/pack kr
LACD-QT1-001	1,015 - 1,040	±0,001	0,001	45	0 - 40	1	538

HIGH PRECISION ALCOHOLOMETER

France

According to ISO 4801 and NF B 35-515 standards. Calibrated at 20°C. Unit: ethanol in %vol. Length: 350 mm, Ø 30 mm. These instruments are delivered with a certificate of conformity

reference	range (%vol)	accuracy (%vol)	division (%vol)	S.T. (mN/m)	pcs/pack	price/pack kr
ALCO-000-001	0 - 10	±0,1	0,1	72,6	1	460
ALCO-010-001	10 - 20	±0,1	0,1	50,5	1	460
ALCO-020-001	20 - 30	±0,1	0,1	41,4	1	460
ALCO-030-001	30 - 40	±0,1	0,1	35,4	1	460
ALCO-040-001	40 - 50	±0,1	0,1	31,7	1	460
ALCO-050-001	50 - 60	±0,1	0,1	29,4	1	434
ALCO-060-001	60 - 70	±0,1	0,1	27,9	1	434
ALCO-070-001	70 - 80	±0,1	0,1	26,7	1	434
ALCO-080-001	80 - 90	±0,1	0,1	25,6	1	434
ALCO-090-001	90 - 100	±0,1	0,1	24,2	1	434

RESEARCH ALCOHOMETER

France

Seeker type alcoholometer. Calibrated at 20 °C. Length 290 mm, Ø 30 mm. Double scale. Scale 1: accuracy ± 2; division 1. Scale 2: accuracy ± 1; division 0.5. Does not include certificate

reference	scale 1	scale 2	pcs/pack	price/pack kr
ALCO-RF1-001	0 - 100 %Vol/GL/Tralles	10 - 44° Cartier	1	132

WINE HYDROMETER, TRIPLE SCALE

France

NEW

The instrument allows measuring three parameters. Scale 1: density (g/ml); division 0.001. Scale 2: Baumé degrees (°Bé); division 0.5. Scale 3: volumetric alcohol degree (%vol); division 0.5. Calibrated at 20°C. Length: 290 mm. This instrument is not delivered with calibration certificate

reference	scale 1	scale 2	scale 3	pcs/pack	price/pack kr
MUST-B01-001	0,980 - 1,130 g/ml	0 - 16 °Bé	3 - 7 %vol	1	138

VINOMETER

France

NEW

The instrument allows determining the ethanol concentration in wines and has an adapted measuring range from 0 to 25%. Calibrated at 20°C. Unit: ethanol in %vol. Length: 133 mm. This instrument is not delivered with calibration certificate

reference	range (%vol)	accuracy (%vol)	division (%vol)	pcs/pack	price/pack kr
VINO-B01-001	0 - 25	±2	1	1	75

MECHANICAL TIMER 60 MINUTES

METRIA

Countdown mechanical timer with alarm

reference	description	pcs/pack	price/pack kr
TIME-M01-001	mechanical timer 60'	1	186

METRIA

COUNTDOWN TIMER AND CLOCK 24 HOURS

Clock function, timer countdown up to 23 h 59' 59'' with alarm and chronometer. Three hold positions: with a magnet in metallic surfaces, with a clothing pin and with a kickstand to remain standing. Power supply: 1 battery LR44 (included)

reference	description	pcs/pack	price/pack kr
TIME-W24-001	24 h clock watch digital timer	1	109
10 units "Saving package"			
TIME-W24-010	24 h clock watch digital timer	10	819

METRIA

COUNTDOWN TIMER 100 MINUTES

Timer countdown up to 99' 59'' with alarm. Three hold positions: with a magnet in metallic surfaces, with a clothing pin and with a kickstand to remain standing. Power supply: 1 battery LR44 (included)

reference	description	pcs/pack	price/pack kr
TIME-100-001	100 minutes digital timer	1	78
10 units "Saving package"			
TIME-100-010	100 minutes digital timer	10	549

METRIA

DIGITAL CHRONOMETER, RS-808

Functions: digital chronometer, watch 12/24, alarm, calendar, week system, alarm. Chronometer resolution: 1/100" for the first 30 minutes of timing, and then in 1 second increment up to maximum of 24 hours. Accumulated time (Split) and 2 memories. Power supply: 2 batteries LR44 (included)

reference	description	pcs/pack	price/pack kr
TIME-D05-001	digital chronometer	1	98

METRIA

DIGITAL CHRONOMETER, PC-1001

Functions: chronometer, watch, alarm and calendar. Chronometer resolution: 1/100” for the first 30 minutes of timing, and then in 1 second increment up to maximum of 24 hours. Digital LCD display and lanyard to hang on your neck. Power supply: 2 battery cell LR44 (included). Dimensions: 88,5 x 62,5 x 22,5 mm, weight 55 g

reference	description	pcs/pack	price/pack kr
TIME-D03-001	digital chronometer 30', 1/100"	1	215

METRIA

DIGITAL CHRONOMETER, RS-6010

Functions: chronometer, countdown, watch, alarm, calendar, podometer (pacer). Total time 9 h 59' 59.99", 1/100" intervals. Partial time (Lap) and accumulated time (Split). 10 memories. Auto-switch off for a longer battery cell life. Digital LCD display and lanyard to hang on your neck. Power supply: 1 battery SR44 (included). Dimensions: 85 x 55 x 25 mm, weight 100 g

reference	description	pcs/pack	price/pack kr
TIME-D04-001	digital chronometer 10 h, 1/100"	1	425

PORTABLE DIGITAL REFRACTOMETER, RSD

METRIA

CE

Digital hand-held refractometer with Automatic Temperature Compensation (ATC) 5 to 40 °C, automatic power management and high precision. Temperature measurement range from 0 to 40 °C (0,5 °C accuracy). Large backlit colour TFT display, user-defined zero setting function, ergonomic durable design and anti-interference from light. Measurement of Brix grade, refractive index (RI), Oechsle, mass S/W, probable alcohol (AP) and KMW (Babo). Net weight 200g, power supply 2 x AAA (1,5 V). Compliance with IP65 standards, CE and ROHS. Warranty 1 year

reference	type	range	readability	accuracy	pcs/pack	price/pack kr
PDRF-R45-001	Brix RI	0-45% 1,3330-1,4098	0,1 0,0001	±0,2 ±0,0003	1	4332
PDRF-R85-001	Brix RI	0-85% 1,3330-1,5100	0,1 0,0001	±0,5 ±0,0005	1	6616
PDRF-RM5-001	Oe (Germany) Oe(Swiss) Mass S/W Vol AP KMW	3-150 0-150 0-35% 0-22% 0-25	1 1 0,1 0,1 0,1	±1 ±1 ±0,2 ±0,2 ±0,2	1	5081

ABBE ANALOGIC REFRACTOMETER, RST111

METRIA

CE

ABBE analogic refractometer for measuring refractive index (RI), Brix % and Temperature with good accuracy and a wide measuring range. Very easy to move due to its reduced dimensions (270x180x370mm) and weight (3,5 kg) and also very easy to use. Includes high resistant aluminium portable case for transportation. Warranty 1 year

reference	type	range	accuracy	pcs/pack	price/pack kr
ABRF-111-001	RI Brix Temp.	1,30000-1,70000 0-95% 0-60	±0,0005 ±0,25% ±1°C	1	10516

PORTABLE ANALOGUE REFRACTOMETER

METRIA

Analogue hand-held refractometer with Automatic Temperature Compensation (ATC) and high precision. Anti-rolling design, comfortable eyepiece with perfect fit, easy-to-clean prism and protective flap for the prism opening. Measures: Brix grade, Probable Alcohol, specific gravity, Baume grade and KMW grade (Babo). Includes case with screwdriver and pipette. Warranty 1 year

reference	type	range	readability	pcs/pack	price/pack kr
PREF-B20-001	Brix	0-20 %	0,1%	1	924
PREF-B32-001	Brix	0-32 %	0,2%	1	924
PREF-B50-001	Brix	0-50 %	0,5%	1	1064
PREF-B82-001	Brix	45-82 %	0,5%	1	1120
PREF-B92-001	Brix	58-92 %	0,2%	1	1288
PREF-WN1-001	Wine	0-140 Oe / 0-25 KMW (Babo) / 0-32% Mas Sacch	1 Oe / 0,2 KMW / 0,2%	1	924
PREF-WN5-001	Wine	0-190 Oe / 0-38 KMW (Babo) / 0-44% Brix	2 Oe / 0,5 KMW / 0,5%	1	1176
PREF-WN7-001	Wine	30-140 Oe / 0-25 KMW (Babo) / 0-32% Brix	1 Oe / 0,2 KMW / 0,2%	1	924
PREF-AL6-001	Alcohol (AP)	0-25%VOL / 0-20 Baume / 0-40% Brix	0,2% / 0,2 / 0,2%	1	924
PREF-AL7-001	Alcohol (AP)	0-32% Brix / 1,000 - 1,120 sg	0,2% / 0,001	1	924

ONDA

"SPECTROPHOTOMETER, VISIBLE, V-10 PLUS

For education, general use and routine analysis. Components that guarantee an excellent performance. Wavelength lecture directly on the screen. Auto zero and blank. Measurement of absorbance, transmittance and concentration. Quantitative: standard curve and coefficient methods. Pre-aligned lamp design, which ensures an easy exchange by the user. Includes software to extend the applications to the curve and standard kinetics. LCD screen (128 x 64 pixels). Sheath. Trackable Standard DAkkS Certificate.Wavelength range: 325 - 1000 nm. Bandwidth: 4 nm. Optical system: single beam. Grid: 1200 lines/mm. Wavelength accuracy: ± 2 nm. Repeatability: ± 1 nm. Resolution: 0,5 nm. Photometric mode: %T, Abs, Conc and Factor. Detector: silicon photodiode. Standard cell holder for 4 square 10 mm cells (4 optical glass cells included). Light source: tungsten. Lamp lifespan: 2000 hours approx. USB port (for PC remote control) and parallel port (for direct printing). Optional: professional software for data exportation to spreadsheet, color intensity analysis and tonality according to specific methods for OIV-MA-AS2-07B wines (SPTR-A01-001). Weight: 8 kg. Dimensions (mm): 440 x 360 x 180. 85-265 V / 50-60 Hz. Warranty 2 years. Delivery time 3 weeks

reference	description	pcs/pack	price/pack kr
SPTR-V01-001	spectrophotometer, visible, ONDA V-10 PLUS	1	19100
Accessories			
SPTR-A01-001	professional software, specific for wine	1	8438
SPTR-A02-001	thermal printer for ONDA spectrophotometers	1	7922
SPTR-A03-001	support for tubes with a diameter of 8 to 24 mm and a maximum height of 110 mm; light beam height at 3.5 cm from the bottom	1	2370
Spare parts			
SPTR-A04-001	halogen lamp	1	2849

METRIA

STANDARD (MACRO) SPECTROPHOTOMETER CUVETTE WITH PTFE LID

Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
Made of quartz						
MALQ-001-002	LB Q	1	10	0,35	2	2460
MALQ-002-002	LB Q	2	10	0,7	2	2460
MALQ-005-002	LB Q	5	10	1,7	2	2323
MALQ-010-002	LB Q	10	10	3,5	2	1490
MALQ-020-002	LB Q	20	10	7	2	2661
MALQ-040-002	LB Q	40	10	14	2	3801
MALQ-050-002	LB Q	50	10	17,5	2	5068
MALQ-100-001	LB Q	100	10	35,0	1	3121
Made of optical glass						
MALG-001-002	LB OG	1	10	0,35	2	554
MALG-002-002	LB OG	2	10	0,7	2	512
MALG-005-002	LB OG	5	10	1,7	2	486
MALG-010-002	LB OG	10	10	3,5	2	355
MALG-020-002	LB OG	20	10	7	2	486
MALG-040-002	LB OG	40	10	14	2	570
MALG-050-002	LB OG	50	10	17,5	2	633
MALG-100-001	LB OG	100	10	35,0	1	639

SEMI-MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE LID

METRIA

Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
SMLQ-010-002	LB Q	10	4	1,4	2	2665
SMLG-010-002	LB OG	10	4	1,4	2	1845

MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE LID

METRIA

Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
MILQ-010-002	LB Q	10	2	0,7	2	2745
MILG-010-002	LB OG	10	2	0,7	2	1901

STANDARD (MACRO) SPECTROPHOTOMETER CUVETTE WITH PTFE STOPPER

METRIA

For volatile samples. Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
MASQ-010-002	LB Q	10	10	3,5	2	2745
MASG-010-002	LB OG	10	10	3,5	2	1267

CUVETTE HOLDER

astiK's

For 12 cuvettes (path length 10 mm)

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
CUVP-012-001	15	170	50	1	46

SEMI-MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE STOPPER

METRIA

For volatile samples. Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

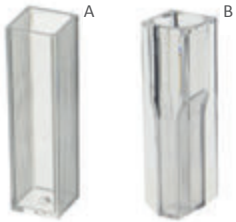
reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
SMSQ-010-002	LB Q	10	4	1,4	2	2870
SMSG-010-002	LB OG	10	4	1,4	2	2255

MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE STOPPER

METRIA

For volatile samples. Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
MISQ-010-002	LB Q	10	2	0,7	2	2956



METRIA

DISPOSABLE SPECTROPHOTOMETER CUVETTE

Available in optical polystyrene (PS) for use within 340 - 800 nm and in PMMA for use within 280 - 800 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
Standard (macro) type (A)						
MAPS-010-100	PS	10	10	4,5	100	104
MAPM-010-100	PMMA	10	10	4,5	100	164
Semi-micro type (B)						
SMPS-010-100	PS	10	4	2,5	100	101
SMPM-010-100	PMMA	10	4	2,5	100	152

METRIA

STANDARD (MACRO) FLUOROMETER CUVETTE WITH PTFE LID

Cuvette with 4 polished faces available in quartz (LB Q) or optical glass (LB OG)

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
MALQ-F10-002	LB Q	10	10	3,5	2	3655
MALG-F10-002	LB OG	10	10	3,5	2	1827

METRIA

STANDARD (MACRO) DISPOSABLE FLUOROMETER CUVETTE

Cuvette with 4 polished faces available in optical polystyrene (PS) for use within 340 - 800 nm and in PMMA for use within 280 - 800 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack kr
MAPS-F10-100	PS	10	10	4,5	100	113
MAPM-F10-100	PMMA	10	10	4,5	100	196

METRIA

CE

PORTABLE AIR QUALITY METER, 77532

Measures CO_2 (0 - 9999 ppm) and temperature (-10 + 60 °C). CO_2 precision: ± 30 ppm ± 5% of measurement (0 - 5000 ppm) and ± 10% of the measurement for the other range. Temperature precision: ± 0,6 °C. Ideal for indoor air quality measurement (IAQ). Uses NDIR technology (non dispersive infrarred detector) to ensure long-term reliability and stability. Acoustic alarms, maximum, minimum, average and hold functions. 4 AA batteries (included). Includes hard carry case. Warranty 2 years

reference	description	pcs/pack	price/pack kr
IAQM-P01-001	Portable air quality meter, 77532	1	4656

METRIA

CE

AIR QUALITY METER, WALLMOUNT, 7722

Measures CO_2 (0 - 9999 ppm), temperature (-10 + 60 °C) and humidity (0,1 - 99,9% RH). CO_2 precision: ± 50 ppm ± 5% of measurement (0 - 2000 ppm) and ± 10% of the measurement for the other range. Temperature precision: ± 0,6 °C. Humidity precision: ± 3% RH. Ideal for indoor air quality measurement (IAQ). Uses NDIR technology (non dispersive infrarred detector) to ensure long-term reliability and stability. Acoustic alarms, maximum, minimum and average functions. Universal adapter for charging. Warranty 2 years

reference	description	pcs/pack	price/pack kr
IAQM-W01-001	air quality meter, wallmount, 7722	1	4154
Accessories			
IAQM-A01-001	salt bottle for 33% RH calibration	1	775
IAQM-A02-001	salt bottle for 75% RH calibration	1	775

“LABORATORY TABLE, C SHAPE

INBAUTEK

Worktop made with high resistance compact phenolic resin Fundermax Resistance², soft grey, 20 mm thick. Ideal for all types of laboratories and indispensable in physical-chemical laboratories. Tube metal frame made of cold rolled steel 60 x 30 mm, with an antirust epoxy resin protection layer. With a maximum load capacity of 300 kg/linear meter. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABT-C01-001	900 x 750 x 900 mm	without back panel	1	11700
LABT-C02-001	1200 x 750 x 900 mm	without back panel	1	13823
LABT-C03-001	1500 x 750 x 900 mm	without back panel	1	15618
LABT-C04-001	1800 x 750 x 900 mm	without back panel	1	17467
LABT-C11-001	900 x 750 x 900 mm	with back panel	1	13068
LABT-C12-001	1200 x 750 x 900 mm	with back panel	1	15190
LABT-C13-001	1500 x 750 x 900 mm	with back panel	1	16985
LABT-C14-001	1800 x 750 x 900 mm	with back panel	1	18834

“LABORATORY TABLE, A SHAPE

INBAUTEK

Worktop made with high resistance compact phenolic resin Fundermax Resistance², soft grey, 20 mm thick. Ideal for all types of laboratories and indispensable in physical-chemical laboratories. Tube metal frame made of cold rolled steel 60 x 30 mm, with an antirust epoxy resin protection layer. With a maximum load capacity of 300 kg/linear meter. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABT-A01-001	900 x 750 x 900 mm	without back panel	1	10598
LABT-A02-001	1200 x 750 x 900 mm	without back panel	1	12648
LABT-A03-001	1500 x 750 x 900 mm	without back panel	1	14678
LABT-A04-001	1800 x 750 x 900 mm	without back panel	1	16696
LABT-A11-001	900 x 750 x 900 mm	with back panel	1	11966
LABT-A12-001	1200 x 750 x 900 mm	with back panel	1	14027
LABT-A13-001	1500 x 750 x 900 mm	with back panel	1	16053
LABT-A14-001	1800 x 750 x 900 mm	with back panel	1	18063

“WELDED CENTRAL LABORATORY TABLE

INBAUTEK

Worktop made with high resistance compact phenolic resin Fundermax Resistance², soft grey, 20 mm thick. Ideal for all type of laboratories and indispensable in physical-chemical laboratories. Tube metal frame made of cold rolled steel 40x40 mm, with an antirust epoxy resin protection layer. Can be used as a support surface for laboratory instrumentation and experiment setup. With a maximum load capacity of 400 kg/linear meter. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
LABT-M01-001	900 x 900 x 900 mm	1	13622
LABT-M02-001	1200 x 900 x 900 mm	1	15937
LABT-M03-001	1500 x 900 x 900 mm	1	18209
LABT-M04-001	1800 x 900 x 900 mm	1	20485

“DOUBLE TABLE FOR LABORATORY OVENS, INCUBATORS AND FURNACES

Table for furnaces, ovens and incubators. Two heights with a separation of 74 cm. Worktop made of high resistance compact phenolic resin Fundermax Resistance² soft grey, 20 mm thick. Ideal for all types of laboratories. Tube metal frame made of cold rolled steel 40 x 40 mm, with an antirust epoxy resin protection layer. With a maximum load capacity of 300 kg. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time: 4 weeks

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
LABT-H01-001	900 x 750 x 1300 mm	1	17928
LABT-H02-001	1200 x 750 x 1300 mm	1	21444
LABT-H03-001	1500 x 750 x 1300 mm	1	24937

“AUXILIAR LABORATORY CABINET WITH WHEELS AND ONE DOOR

Soft grey color. Right / left door. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brakes. Available in two versions:
> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handle made of natural aluminum
> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint
Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years.
Delivery time: 4 weeks

reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABC-751-001	750 mm	450 x 520 x 635 mm	melamine	1	5133
LABC-901-001	900 mm	600 x 520 x 805 mm	melamine	1	5945
LABC-7B1-001	750 mm	450 x 520 x 635 mm	steel	1	8840
LABC-9B1-001	900 mm	600 x 520 x 805 mm	steel	1	12088

“AUXILIAR LABORATORY CABINET WITH WHEELS, ONE DRAWER AND ONE DOOR

Soft grey color. Right / left door. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brakes. Available in two versions:
> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum. Melamine drawer with guides and sides of sheet steel coated with antioxidant protection
> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint. Chest of drawer with synchronized slides of high precision and total extraction, soft and silent closing
Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABC-752-001	750 mm	450 x 520 x 635 mm	melamine	1	6423
LABC-902-001	900 mm	600 x 520 x 805 mm	melamine	1	7950
LABC-7B2-001	750 mm	450 x 520 x 635 mm	steel	1	12819
LABC-9B2-001	900 mm	600 x 520 x 805 mm	steel	1	13943

“AUXILIAR LABORATORY CABINET WITH WHEELS AND DRAWERS

INBAUTEK

Soft grey color. Four wheels at the base, two with brakes. Available in two versions:
> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum. Melamine drawer with guides and sides of sheet steel coated with antioxidant protection
-> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint. Chest of drawers with synchronized slides of high precision and total extraction, soft and silent closing
Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	drawers n°	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABC-753-001	750 mm	3	450 x 520 x 635 mm	melamine	1	12132
LABC-903-001	900 mm	4	600 x 520 x 805 mm	melamine	1	13943
LABC-906-001	900 mm	4	900 x 520 x 805 mm	melamine	1	16426
LABC-7B3-001	750 mm	3	450 x 520 x 635 mm	steel	1	15547
LABC-9B3-001	900 mm	4	600 x 520 x 805 mm	steel	1	17729
LABC-9B4-001	900 mm	4	900 x 520 x 805 mm	steel	1	19998

“AUXILIAR LABORATORY CABINET WITH WHEELS AND TWO DOORS

INBAUTEK

Soft grey color. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brake. Available in two versions:
> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum
> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint
Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABC-904-001	900 mm	900 x 520 x 805 mm	melamine	1	7403
LABC-9B5-001	900 mm	900 x 520 x 805 mm	steel	1	15010

“AUXILIAR LABORATORY CABINET WITH WHEELS, ONE DRAWER AND TWO DOORS

INBAUTEK

Soft grey color. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brake. Available in two versions:
> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum. Drawer with guides and sides of sheet steel coated with antioxidant protection
> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint. Chest of drawers with synchronized slides of high precision and total extraction, soft and silent closing
Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABC-905-001	900 mm	900 x 520 x 805 mm	melamine	1	8810
LABC-9B6-001	900 mm	900 x 520 x 805 mm	steel	1	16044

INBAUTEK

“HANGING TOP FURNITURE

Soft grey color. Made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). The doors may be blind folding melamine or sliding glass doors. Doors with 270 ° opening hinges. Includes a height adjustable shelf. Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years.
Delivery time: 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABC-607-001	600 x 350 x 700 mm	1 blind folding door	1	6375
LABC-907-001	900 x 350 x 700 mm	2 blind folding doors	1	7521
LABC-6V7-001	600 x 350 x 700 mm	1 folding glass door	1	8929
LABC-9V7-001	900 x 350 x 700 mm	2 sliding glass	1	11341

INBAUTEK

“TALL LABORATORY FURNITURE

Soft grey color. Madeof melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). The doors may be blind folding melamine or glass doors. Hinges with 270 ° opening. Includes three height adjustable shelves, made of melamine (19 mm thick). Delivered assembled except for glass doors. Warranty 5 years.
Delivery time: 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABW-900-001	900 x 500 x 2000 mm	blind folding melamine doors	1	16827
LABW-1K2-001	1200 x 500 x 2000 mm	blind folding melamine doors	1	19666
LABW-90V-001	900 x 500 x 2000 mm	glass doors	1	24268
LABW-1V2-001	1200 x 500 x 2000 mm	glass doors	1	28251

INBAUTEK

“LABORATORY SINK UNIT IN POLYPROPYLENE

With anti-splash sides in welded PP. Cabinet sides, base and lid made of water-repellent melamine (19 mm thick) with 1 or 2 doors of 270 ° opening. Handle made of natural aluminum. Laboratory water tap mix. Includes the following accessories: 1 siphon, 2 connecting tube 3/8HM, 50 cm tube PVC Ø40 mm, 1 elbow 90 °, 1 elbow 45 °, 1 handle, filter and overflow pipe exit 1 ½. Delivered assembled. Warranty 5 years. Delivery time: 4 weeks

reference	dimensions (length x width x height)	number of doors	number of wells	number of drainers	pcs/pack	price/pack kr
LABS-A01-001	600 x 750 x 900 mm	1	1	0	1	30393
LABS-A02-001	900 x 750 x 900 mm	2	1	1	1	34485
LABS-A03-001	1200 x 750 x 900 mm	2	1	1	1	39128
LABS-A04-001	1200 x 750 x 900 mm	2	2	0	1	44922

clink

AUXILIARY LABORATORY TROLLEY

Made of polished 18/8 304 stainless steel, with 4 rotating wheels of 60 mm, flat superior and inferior shelves. Available with 2 or 3 shelves. Warranty 3 years

reference	dimensions (length x width x height)	shelves	max. weight	pcs/pack	price/pack kr
LATR-602-001	600 x 400 x 870 mm	2	20 kg / shelf	1	5975
LATR-603-001	600 x 400 x 870 mm	3	20 kg / shelf	1	7418

LOW LABORATORY CHAIR WITH WHEELS

Five wheels, rotating, for working at a 75 cm height. Seat/back material: Anti-slip polyurethane, easy to clean. Resistant to abrasion and cleaning products. Adjustable seat by gas lift: 40-58 cm. Seat dimensions (width x depth): 46 x 44 cm. Dimensions of the backrest (width x height): 41 x 31 cm.
Base: black polyamide with fiberglass, diameter of base: 60 cm. Includes armrests. Delivered unassembled. Warranty 1 year

reference	description	pcs/pack	price/pack kr
LACH-040-001	low laboratory chair with wheels	1	4888

HIGH LABORATORY CHAIR WITH FOOTREST

Five feet, rotating seat, for working at a 90 cm height. Seat/back material: Anti-slip polyurethane, easy to clean. Resistant to abrasion and cleaning products. Adjustable seat by gas lift: 55-74 cm. Seat dimensions (width x depth): 46 x 44 cm. Dimensions of the backrest (width x height): 41 x 31 cm. With 45 cm diameter footrest. Base: black polyamide with fiberglass, base diameter: 60 cm. Includes armrests and wheels. Delivered unassembled. Warranty 1 year

reference	description	pcs/pack	price/pack kr
LACH-055-001	high laboratory chair with footrest	1	5432
Accessories			
LACH-A01-005	chair & stool wheels	5	195

HIGH LABORATORY STOOL WITH FOOTREST

Five feet, rotating seat. Seat material: Anti-slip polyurethane, easy to clean. Resistant to abrasion and cleaning products. Adjustable seat by gas lift: 54-85 cm. Diameter of the seat: 33 cm. With footrest of 45 cm diameter. Base: black polyamide with fiberglass, base diameter: 60 cm. Delivered unassembled. Warranty 1 year

reference	description	pcs/pack	price/pack kr
LASL-054-001	high laboratory stool with footrest	1	4164
Accessories			
LACH-A01-005	chair & stool wheels	5	195

WASTE BIN WITH PEDAL

Made of stainless steel, with extractable plastic container in the interior

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack kr
LACB-005-001	5 L	20	280	1	1079
LACB-012-001	12 L	25	390	1	1338
LACB-020-001	20 L	29	440	1	1879
LACB-030-001	30 L	29	670	1	2743

INBAUTEK

“WASTE FURNITURE

Waste container system for low module made of 19 mm thick melamine, with complete extraction system and cushioned closure. The containers are made of recyclable polypropylene resistant to high and low temperatures, shocks, scratches and chemical products. The lid is fixed and can be used as an internal shelf. GRASS Nova Pro guides that guarantee the minimum opening force, the most effective brake (system by air and not by oils or greases) and a total synchronization both in opening and in closing with up to 40 kg of load. Four wheels at the base, two of them with brakes. Light grey color. 2 buckets included. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABR-450-001	450 x 520 x 635 mm	two buckets of 30 L	1	14166
LABR-600-001	600 x 520 x 820 mm	two buckets of 36 L	1	16197

clink

STEPPERS

Tubular structure of chromium plated steel, with surface made of non-sliding rubber

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
LABN-001-001	450 x 200 x 270 mm	one step	1	1057
LABN-002-001	450 x 520 x 270 mm	two steps	1	2202

clink

WALL SUPPORT FOR BASKETS

Stainless steel. Support with hooks for 4 baskets. Two 1500 x 30 x 15 mm bars

reference	description	pcs/pack	price/pack kr
LASC-004-001	support for 4 baskets (does not include baskets)	1	1893
LASC-A01-001	basket in stainless steel, 570 x 300 x 200 mm	1	1585

Our laboratory tables are made of Max Resistance², a patented material according to EN-438-4.

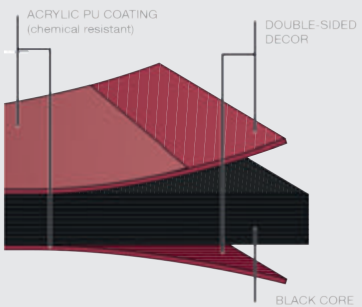
Great robustness, it is not affected by solvents, most of acids, nor the most aggressive chemicals, exceeding the SEFA3 standards.

The absence of pores and micropores makes this surface easy to disinfect and does not favor the growth of bacteria (as effective as stainless steel or tiles), making it ideal for laboratories in the medical, biochemical, food and pharmaceutical fields.

Abrasion resistance is 3 times higher than melamine or EBC (450 U) has a 25% higher scratch resistance (Grade: 3-4, 4-6 N) and 8 mm impact resistance.

Withstands high temperatures up to 180 ° and sudden thermal variations tested under EN 438-2 standard.

MAX RESISTANCE² STRUCTURE



labbox

HEALTH AND SAFETY

Epibox

VISITOR SAFETY GLASS

Made of polycarbonate with anti-scratches treatment and aeration slots in arms. According to EN 166 1.F CE standards

reference	description	pcs/pack	price/pack kr
SPEC-001-001	visitor safety glass	1	40
12 units “Saving package”			
SPEC-001-012	visitor safety glass	12	328

Epibox

SAFETY GLASS

A

B

Made of polycarbonate with anti-scratch treatment. Includes an adjustable neck cord. Modern design and ultra light. Model A: According to EN 166 1.F CE standards. Model B: According to EN 166, EN 170 and EN 172 CE standards

reference	description	pcs/pack	price/pack kr
SPEC-002-001	safety glass (A)	1	53
SPEC-UV2-001	safety glass, grey sunscreen with UV filter (B)	1	87
12 units “Saving package”			
SPEC-002-012	safety glass (A)	12	491

Epibox

SAFETY GOGGLE

Frame made of comfortable and soft PVC, glass made of polycarbonate. High protection against impacts, particules, splashes, etc. Fixing self-adjusting elastic band. According to EN 166 CE standards

reference	description	pcs/pack	price/pack kr
SPEC-003-001	safety goggle	1	48
10 units “Saving package”			
SPEC-003-010	safety goggle	10	355

PEGASO

SAFETY GOGGLE *PREMIUM LINE*, LITE SERIES

Extremely comfortable, resistant frame. Small, ideal for workers who do not need prescription glasses. Forehead section with air vents. Adjustable headband. Optical lens: class 1, antifog treatment and anti-scratch treatment. Medium-energy impact resistance to high-speed particles, protection against large dust particles > 5 microns, protection against liquid droplets. According to EN 166 CE standards

reference	description	pcs/pack	price/pack kr
SPEC-004-001	safety goggle, LITE series	1	160

Epibox

CRYOGENIC PROTECTION GOOGLE

Made of a special designed composite for protecting against drops of liquid gases. Adjustable headband. Can be worn over prescription spectacles and for prolonged use. Protects also against impacts and UV rays. PPE category II, complies with EN 166 and EN 170

reference	description	pcs/pack	price/pack kr
SPEC-CRY-001	cryogenic protection google	1	732

NON VENTED SAFETY GLASSES

Frame in PVC and curved polycarbonate lens. With adjustable elastic band and anti-scratch and anti-fog treatment. Protection against splashes, fumes, gases, and vapors. PPE of category II, compliant with standards EN 166:2001 and EN 170:2002

reference	description	pcs/pack	price/pack kr
SPEC-005-001	non vented safety glasses	1	181

FACE PROTECTOR

Face protector made of polycarbonate with head self-adjusting elastic band. Internal foam strip. Very convenient front and side protection (protector covering 180 °). High protection against impacts, particles, splashes, etc. According to EN 166 CE standards

reference	description	pcs/pack	price/pack kr
FACE-001-001	face protector	1	135

REUSABLE HALF-MASK

Made of soft silicone. With harness and two adjustable straps. With two inhalation and one exhalation valve. For bayonet filters. Complies with EN 140 :1998 and (EU) 2016/425. Compatible with our FMAS filters

reference	description	pcs/pack	price/pack kr
SMAS-R01-001	reusable half-mask	1	307
Accessories			
FMAS-001-002	filter ABEK1P3	2	437
FMAS-002-002	filter FA2P3	2	369

DISPOSABLE HYGIENIC MASK

Disposable 3-layer hygienic mask made of non-woven melt blown filter cloth. With adjustable nose clip and elastic rings for support

reference	description	pcs/pack	price/pack kr
MASK-H01-050	hygienic, 3 layers	50	27

DISPOSABLE RESPIRATOR, FFP1 LEVEL

Protection against solid particles and low toxicity liquids in low concentration (according to FFP1 level protection defined by EN 149:2001 standards), up to 4 x TLV. Spherical shape with adjustable nose clip

reference	type	pcs/pack	price/pack kr
MASK-001-020	FFP1 spherical shape without valve	20	341
MASK-0V1-010	FFP1 spherical shape with valve	10	246

Epibox

DISPOSABLE RESPIRATOR, FFP2 LEVEL

Protection against solid particles and low or medium toxicity liquids (according to FFP2 level protection defined by EN 149:2001 standards); up to 12 x TLV. Available in spherical shape with valve

reference	type	pcs/pack	price/pack kr
MASK-002-010	FFP2 spherical shape with valve	10	218

Epibox

NR FILTERING MASK, FPP2 LEVEL

Valveless, 5 layers with high filtration level and low breathing resistance. Foldable and individually packed (according to FFP2 level protection defined by EN149-2001 standards) with earloops and interior nose clip

reference	type	pcs/pack	price/pack kr
MASK-PB2-025	FFP2 white folded	25	125
MASK-PN2-025	FFP2 black folded	25	125

Epibox

DISPOSABLE RESPIRATOR, FFP3 LEVEL

Protection against solid particles and high toxicity liquids (according to FFP3 level protection defined by EN 149:2001 standards); up to 50 x TLV. Folded and adjustable nose clip

reference	type	pcs/pack	price/pack kr
MASK-003-020	FFP3 folded with valve	20	846
MASK-P03-020	FFP3 folded without valve	20	740

Epibox

LAB-COAT FOR WOMEN WITH SNAP BUTTON

With collar flap, 6 metal snap button closure that allows the garment to be quickly removed in case of accident. Two pockets in the lower side, one on the chest. White color

reference	size	waist girth	chest girth	pcs/pack	price/pack kr
In 100% cotton					
GOCW-S0S-001	S	82 - 88 cm	96 - 102 cm	1	328
GOCW-S0M-001	M	90 - 96 cm	104 - 110 cm	1	328
GOCW-S0L-001	L	98 - 104 cm	112 - 118 cm	1	328
GOCW-SXL-001	XL	106 - 112 cm	120 - 126 cm	1	328
GOCW-SXX-001	XXL	114 - 120 cm	128 - 134 cm	1	328
In 100% cotton, “saving package”					
GOCW-S0S-010	S	82 - 88 cm	96 - 102 cm	10	2937
GOCW-S0M-010	M	90 - 96 cm	104 - 110 cm	10	2937
GOCW-S0L-010	L	98 - 104 cm	112 - 118 cm	10	2937
GOCW-SXL-010	XL	106 - 112 cm	120 - 126 cm	10	2937
GOCW-SXX-010	XXL	114 - 120 cm	128 - 134 cm	10	2937

LAB-COAT FOR WOMEN

Epibox

With collar flap, closure by 5 buttons. Two pockets in the lower side and one on the chest. White color

reference	size	waist girth	chest girth	pcs/pack	price/pack kr
In 65% polyester/35% cotton					
GOSW-00S-001	S	82 - 88 cm	96 - 102 cm	1	330
GOSW-00M-001	M	90 - 96 cm	104 - 110 cm	1	330
GOSW-00L-001	L	98 - 104 cm	112 - 118 cm	1	330
GOSW-0XL-001	XL	106 - 112 cm	120 - 126 cm	1	330
GOSW-XXL-001	XXL	114 - 120 cm	128 - 134 cm	1	330
In 65% polyester/35% cotton, “saving package”					
GOSW-00S-010	S	82 - 88 cm	96 - 102 cm	10	2967
GOSW-00M-010	M	90 - 96 cm	104 - 110 cm	10	2967
GOSW-00L-010	L	98 - 104 cm	112 - 118 cm	10	2967
GOSW-0XL-010	XL	106 - 112 cm	120 - 126 cm	10	2967
GOSW-XXL-010	XXL	114 - 120 cm	128 - 134 cm	10	2967
In 100% cotton					
GOCW-00S-001	S	82 - 88 cm	96 - 102 cm	1	330
GOCW-00M-001	M	90 - 96 cm	104 - 110 cm	1	330
GOCW-00L-001	L	98 - 104 cm	112 - 118 cm	1	330
GOCW-0XL-001	XL	106 - 112 cm	120 - 126 cm	1	330
GOCW-XXL-001	XXL	114 - 120 cm	128 - 134 cm	1	330
In 100% cotton, “saving package”					
GOCW-00S-010	S	82 - 88 cm	96 - 102 cm	10	2967
GOCW-00M-010	M	90 - 96 cm	104 - 110 cm	10	2967
GOCW-00L-010	L	98 - 104 cm	112 - 118 cm	10	2967
GOCW-0XL-010	XL	106 - 112 cm	120 - 126 cm	10	2967
GOCW-XXL-010	XXL	114 - 120 cm	128 - 134 cm	10	2967

LAB-COAT FOR MEN WITH SNAP BUTTON

Epibox

With collar flap, 6 metal snap button closure that allows the garment to be quickly removed in case of accident. Two pockets in the lower side, one on the chest. White color

reference	size	chest girth	pcs/pack	price/pack kr
In 100% cotton				
GOCM-S0S-001	S	98 - 104 cm	1	328
GOCM-S0M-001	M	106 - 112 cm	1	328
GOCM-S0L-001	L	114 - 120 cm	1	328
GOCM-SXL-001	XL	122 - 128 cm	1	328
GOCM-SXX-001	XXL	130 - 136 cm	1	328
In 100% cotton, “saving package”				
GOCM-S0S-010	S	98 - 104 cm	10	2937
GOCM-S0M-010	M	106 - 112 cm	10	2937
GOCM-S0L-010	L	114 - 120 cm	10	2937
GOCM-SXL-010	XL	122 - 128 cm	10	2937
GOCM-SXX-010	XXL	130 - 136 cm	10	2937

Epibox LAB-COAT FOR MEN

With collar flap, closure by 5 buttons. Two pockets in the lower side and one on the chest. White color

reference	size	chest girth	pcs/pack	price/pack kr
In 65% polyester/35% cotton				
GOSM-00S-001	S	98 - 104 cm	1	330
GOSM-00M-001	M	106 - 112 cm	1	330
GOSM-00L-001	L	114 - 120 cm	1	330
GOSM-0XL-001	XL	122 - 128 cm	1	330
GOSM-XXL-001	XXL	130 - 136 cm	1	330
In 65% polyester/35% cotton, “saving package”				
GOSM-00S-010	S	98 - 104 cm	10	2967
GOSM-00M-010	M	106 - 112 cm	10	2967
GOSM-00L-010	L	114 - 120 cm	10	2967
GOSM-0XL-010	XL	122 - 128 cm	10	2967
GOSM-XXL-010	XXL	130 - 136 cm	10	2967
In 100% cotton				
GOCM-00S-001	S	98 - 104 cm	1	330
GOCM-00M-001	M	106 - 112 cm	1	330
GOCM-00L-001	L	114 - 120 cm	1	330
GOCM-0XL-001	XL	122 - 128 cm	1	330
GOCM-XXL-001	XXL	130 - 136 cm	1	330
In 100% cotton, “saving package”				
GOCM-00S-010	S	98 - 104 cm	10	2967
GOCM-00M-010	M	106 - 112 cm	10	2967
GOCM-00L-010	L	114 - 120 cm	10	2967
GOCM-0XL-010	XL	122 - 128 cm	10	2967
GOCM-XXL-010	XXL	130 - 136 cm	10	2967

Epibox DISPOSABLE COVERALL

White, in PP (40 gr) with zip fastening and hood. Adaptable to ankle and wrists by elastic band. Class I sanitary product and Class I PPE. Latex free. Complies with EU 2016/425, EU 2017/745 and EU 10/2011 directives

reference	size	pcs/pack	price/pack kr
DSCA-00M-005	M	5	150
DSCA-00L-005	L	5	150
DSCA-0XL-005	XL	5	150
DSCA-XXL-005	XXL	5	150
25 units “Saving package”			
DSCA-00M-025	M	25	614
DSCA-00L-025	L	25	614
DSCA-0XL-025	XL	25	614
DSCA-XXL-025	XXL	25	614

LABORATORY SCRUB SET

Epibox

Set of unisex laboratory scrub with long sleeve top. Made of twill (65% polyester/35% cotton), white. Includes a V-neck top with a chest pocket and two waist patch pockets, as well as a pair of elastic waistband pants with 2 italian pockets. Grammage: 195 g

reference	size	waist girth	pcs/pack	price/pack kr
LSSS-0XS-001	XS	72 cm	1	411
LSSS-00S-001	S	76 - 80 cm	1	411
LSSS-00M-001	M	84 - 88 cm	1	411
LSSS-00L-001	L	92 - 96 cm	1	411
LSSS-0XL-001	XL	100 - 104 cm	1	411
LSSS-XXL-001	XXL	108 - 112 cm	1	411
LSSS-3XL-001	XXXL	116 - 120 cm	1	411
10 units "Saving package"				
LSSS-0XS-010	XS	72 cm	10	3196
LSSS-00S-010	S	76 - 80 cm	10	3196
LSSS-00M-010	M	84 - 88 cm	10	3196
LSSS-00L-010	L	92 - 96 cm	10	3196
LSSS-0XL-010	XL	100 - 104 cm	10	3196
LSSS-XXL-010	XXL	108 - 112 cm	10	3196
LSSS-3XL-010	XXXL	116 - 120 cm	10	3196

LABORATORY CLOGS

Epibox

Made of antistatic SEBS (Styrene-ethylene-butylene-styrene), anatomical, with certified non-slip sole. With openings on the sides to facilitate ventilation. 100% recyclable. The references LACL-ST1-002 and LACL-ST2-002, allow the clog to be fastened to the ankle for greater comfort and safety. Complies with EN ISO 20347:2012. Autoclavable at 134 °C

reference	EU size	pcs/pack	price/pack kr
LACL-W34-001	34/35	1	331
LACL-W36-001	36/37	1	331
LACL-W38-001	38/39	1	331
LACL-W40-001	40/41	1	331
LACL-W42-001	42/43	1	331
LACL-W44-001	44/45	1	331
LACL-W46-001	46/47	1	331
LACL-ST1-002	33/43	2	64
LACL-ST2-002	44/47	2	64

DISPOSABLE CAP

Epibox

Disposable cap made of white polypropylene, circular shape

reference	type	pcs/pack	price/pack kr
CAPP-001-100	white colour	100	65

Epibox

DISPOSABLE TIE-ON MASK

Tie-on mask, made of 1 single layer of paper with self-adjusting elastic band

reference	type	pcs/pack	price/pack kr
MASK-000-100	white colour	100	35

Epibox

CE

DISPOSABLE VISITOR COAT

Made of polypropylene and with a velcro closure

reference	type	pcs/pack	price/pack kr
COAP-002-010	one size, white colour	10	191

Epibox

CE

DISPOSABLE SLEEVE

In blue LDPE. Adaptable by elastic band on both sides Waterproof. Latex free. Size 40 x 20 cm

reference	type	pcs/pack	price/pack kr
DSSL-001-100	blue colour	100	51

Epibox

CE

DISPOSABLE BOOT COVERS

In blue LDPE. Adaptable by elastic band. Waterproof. Latex free. Size 41 x 50 cm

reference	type	pcs/pack	price/pack kr
DSBC-001-100	blue colour	100	235

Epibox

CE

DISPOSABLE SHOE COVER

Adaptable to the ankle by elastic band. Waterproof, 15 x 38 cm

reference	type	pcs/pack	price/pack kr
SHOP-001-100	green colour, PE	100	45
SHOP-002-100	blue colour, non-slip soles, TNT	100	112
SHOP-003-100	blue colour, CPE	100	61

Epibox

CE

NITRILE DISPOSABLE GLOVES

Powder-free, non sterile. Nitrile is much more chemically resistant than other kind of disposable gloves commonly used in laboratory, such as latex or vinyl. 100% latex protein free: An alternative to common latex gloves to prevent allergies. Ambidextrous. AQL 1,5. According to EU 2016/425, EN 420 and EN 374 1/5 standards

reference	type	pcs/pack	price/pack kr
GLON-00S-100	powder free, S (6-7) size	100	123
GLON-00M-100	powder free, M (7-8) size	100	123
GLON-00L-100	powder free, L (8-9) size	100	123
GLON-0XL-100	powder free, XL (9-10) size	100	123
10 x 100 gloves “Saving package”			
GLON-00S-1K0	powder free, S (6-7) size	10 x 100	1037
GLON-00M-1K0	powder free, M (7-8) size	10 x 100	1037
GLON-00L-1K0	powder free, L (8-9) size	10 x 100	1037
GLON-0XL-1K0	powder free, XL (9-10) size	10 x 100	1037

GLOVES DISPENSER

clink

With lid and oval opening for dispensing, in 18/8 stainless steel

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
GDSS-001-001	250 x 135 x 90 mm	1	1466

NITRILE DISPOSABLE GLOVES "SENSITIVE"

Epibox

Powder-free, non sterile. More sensitive to touch than usual nitrile gloves. With the advantages of nitrile gloves with at a more competitive price. 100% latex protein free. Ambidextrous. AQL 1,5. According to EU 2016/425, EN 420, and EN 374 1/5 standards

reference	type	pcs/pack	price/pack kr
GLOS-0XS-100	powder free, XS (5-6) size	100	86
GLOS-00S-100	powder free, S (6-7) size	100	86
GLOS-00M-100	powder free, M (7-8) size	100	86
GLOS-00L-100	powder free, L (8-9) size	100	86
GLOS-0XL-100	powder free, XL (9-10) size	100	86
10 x 100 gloves "Saving package"			
GLOS-0XS-1K0	powder free, XS (5-6) size	10 x 100	726
GLOS-00S-1K0	powder free, S (6-7) size	10 x 100	726
GLOS-00M-1K0	powder free, M (7-8) size	10 x 100	726
GLOS-00L-1K0	powder free, L (8-9) size	10 x 100	726
GLOS-0XL-1K0	powder free, XL (9-10) size	10 x 100	726

NITRILE DISPOSABLE EXAM GLOVES, STERILE

Epibox

Powder-free, with internal polymer for easy donning and removal. Anti-slip, resistant and sensitive to touch. Sterile by ethylene oxide. Ambidextrous AQL 1,0. Complies with directive 2016/425 /UE and standards EN ISO 21420, EN 374 1/2/4/5, EN 16523-1 and EN 388. American standards ASTM D6319

reference	type	pair of gloves	price/pack kr
GLEN-00S-050	sterile powder-free, small size	50	410
GLEN-00M-050	sterile powder-free, medium size	50	410
GLEN-00L-050	sterile powder-free, large size	50	410
8 x 50 gloves "Saving package"			
GLEN-00S-400	sterile powder-free, small size	8 x 50	3008
GLEN-00M-400	sterile powder-free, medium size	8 x 50	3008
GLEN-00L-400	sterile powder-free, large size	8 x 50	3008

NITRILE DISPOSABLE EXTRA-LONG GLOVES

Epibox

Powder free, non-sterile. External microtexturized surface in the fingertips, provides a greater grip strength. Internal surface is chlorinated, smooth and comfortable. Ambidextrous AQL 1,5. They comply with the EN 420, EN 374 1/2/4/5 standards

reference	type	pcs/pack	price/pack kr
GLOX-B0S-050	28,5 cm long, small size	50	192
GLOX-B0M-050	28,5 cm long, medium size	50	192
GLOX-B0L-050	28,5 cm long, large size	50	192
GLOX-BXL-050	28,5 cm long, extra-large size	50	192

REUSABLE NITRILE GLOVES

Powder free, non-sterile. The external surface has an anti-slip effect on fingers and palm for better grip. Internal surface is smooth, soft, comfortable, allows you to put on and take off the glove easily. According to EN 420, EN 374 1/2/3 and EN 388 standards

reference	type	pair of gloves	price/pack kr
GLOR-00S-001	reusable, S (6-7) size	1	224
GLOR-00M-001	reusable, M (7-8) size	1	224
GLOR-00L-001	reusable, L (8-9) size	1	224

CHEMICAL PROTECTIVE GLOVES

Chlorinated black latex gloves with cotton flocking inside. High mechanical resistance and resistance to many chemicals such as ketones, alcohols and bases. Complies with EN 388, EN 374-1 and EN 374-5

reference	type	pair of gloves	price/pack kr
GLOQ-00M-001	medium size, 32,5 cm long	1	104

LATEX DISPOSABLE EXAM GLOVES

Available in powdered and powder-free option, non sterile. 100% pure natural latex, natural colour. Ambidextrous. AQL 1.5. According to EU 2016/425, and EN 420, EN 374 1/5 and EN 455 1/2/3 standards

reference	type	pcs/pack	price/pack kr
Powdered			
GLOL-PXS-100	powdered, XS (5-6) size	100	98
GLOL-P0S-100	powdered, S (6-7) size	100	98
GLOL-P0M-100	powdered, M (7-8) size	100	98
GLOL-P0L-100	powdered, L (8-9) size	100	98
GLOL-PXL-100	powdered, XL (9-10) size	100	98
Powder-free			
GLOL-0XS-100	powder free, XS (5-6) size	100	111
GLOL-00S-100	powder free, S (6-7) size	100	111
GLOL-00M-100	powder free, M (7-8) size	100	111
GLOL-00L-100	powder free, L (8-9) size	100	111
GLOL-0XL-100	powder free, XL (9-10) size	100	111
10 x 100 Powdered gloves "Saving package"			
GLOL-PXS-1K0	powdered, XS (5-6) size	10 x 100	830
GLOL-P0S-1K0	powdered, S (6-7) size	10 x 100	830
GLOL-P0M-1K0	powdered, M (7-8) size	10 x 100	830
GLOL-P0L-1K0	powdered, L (8-9) size	10 x 100	830
GLOL-PXL-1K0	powdered, XL (9-10) size	10 x 100	830
10 x 100 Powder-free gloves "Saving package"			
GLOL-0XS-1K0	powder free, XS (5-6) size	10 x 100	934
GLOL-00S-1K0	powder free, S (6-7) size	10 x 100	934
GLOL-00M-1K0	powder free, M (7-8) size	10 x 100	934
GLOL-00L-1K0	powder free, L (8-9) size	10 x 100	934
GLOL-0XL-1K0	powder free, XL (9-10) size	10 x 100	934

GLOVES DISPENSER WALL MOUNT

clink

Made of 18/8 stainless steel. With the sides open to facilitate the replacement of the consumable, ready to fix on the wall

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
GDWM-001-001	250 x 130 x 80 mm	1	899

CRYOGENIC GLOVES

Epibox CE

Used to handle items stored under liquid nitrogen or other very cold temperatures (from -120 °C up to -190 °C). Designed in order to leave plenty of space to the fingers. Water-resistant. Up to mid-arm, 37 cm long. According to EN 511 and EN 388 standards

reference	type	pair of gloves	price/pack kr
GLOF-S37-001	small size	1	2716
GLOF-M37-001	medium size	1	2716
GLOF-L37-001	large size	1	2716

THERMAL PROTECTIVE GLOVES

Epibox CE

Waterproof gloves for protection against liquid nitrogen (and other cryogenic gases) and heat (-200°C to 250°C). Antistatic and made of waterproof treated leather. An inner membrane allows perspiration but does not allow liquids to penetrate. Soft inner lining in multilayer fabric for thermal protection and comfort. 38 cm long. Conforms to EN 388, EN 511 and EN 407

reference	type	pair of gloves	price/pack kr
GLOD-S38-001	small size	1	2525
GLOD-M38-001	medium size	1	2525
GLOD-L38-001	large size	1	2525

AUTOCLAVE GLOVES

Epibox CE

Made of Nomex III fibers (mixture of thermo-resistant and infusible aromatic polyamides) and with no asbestos fibers. Under normal service conditions, physical properties stay unchanged for several hours at 260 °C, withstanding as well 370 °C when its degradation starts. When approached to flame, they do not melt, but instead they get scorched making a crust allowing protection. Can olso be used sporadically to handle items stored under nitrogen vapour phase (-180 °C). Resistant to bases, acids and organic products but not to large exposures to some concentrated inorganic acids. Available in 30 cm long or 52 cm long.
According to EN 407, EN 388 and EN 21420:2020 standards

reference	type	pair of gloves	price/pack kr
GLOT-S30-001	small size, 30 cm long	1	3003
GLOT-M30-001	medium size, 30 cm long	1	3003
GLOT-L30-001	large size, 30 cm long	1	3003
GLOT-S52-001	small size, 52 cm long	1	4081
GLOT-M52-001	medium size, 52 cm long	1	4081
GLOT-L52-001	large size, 52 cm long	1	4081

Epibox

ANTI-ACID PVC GLOVES

Gloves made of red PVC with smooth finishing. Very good resistance to abrasion, concentrated acids, hydrocarbons, oils and grease. According to EN 388 and EN 420 standards

reference	type	pair of gloves	price/pack kr
GLOP-035-001	one size, length 40 cm	1	106

Epibox

EARMUFF

Very light earmuff. Metal free. Light noise reduction (SNR = 27 db). Adjustable height pads and padded harness. According to EN 352-1 CE standards

reference	type	pcs/pack	price/pack kr
EARP-001-001	SNR = 27 dB	1	134

Epibox

SAFE-HANDLE BOTTLE PROTECTOR

Prevents breakage of 2.5 L glass bottles commonly used for most laboratory reagents and solvent manufacturers. If a bottle does break, it helps contain glass shards and liquid spills, protecting lab personnel. Integrated handle helps handling and pouring heavy bottles. Easy-to-use mechanism and fully reusable. Important: suitable only for bottle models with smooth external surface (not suitable for bottles with integrated handle)

reference	description	pcs/pack	price/pack kr
SAFE-001-001	Safe-Handle bottle protector	1	114

plum

QUICKFIX UNO DISPENSER

Dispenser with 45 elastic and comfortable textile plasters. The small dimensions allow attachment to almost any desired location either by screwing it to the wall or fixating it with adhesive strips

reference	dimensions (mm)	type	pcs/pack	price/pack kr
DPLA-001-001	85 x 130 x 35	dispenser with 45 elastic plasters	1	380

plum

QUICKFIX PLASTERS

Adhesive plaster provides long-lasting and durable wound care. The plasters are elastic, skin sensitive and breathable. Option of waterproof plasters for humid work environments. Each plaster is packed individually and ready for use

reference	dimensions (mm)	type	pcs/pack	price/pack kr
PLAS-E72-270	72 x 25	brown colour, elastic	6 x 45	1062
PLAS-W72-270	72 x 25	brown colour, waterproof	6 x 45	827

ALOE VERA BURN GEL

With a high concentration of Aloe Vera of 97.5%. The gel acts as first aid treatment for minor burns, scalds, sunburns and radiation injured skin. Rapid cooling and soothing effect that relieves the pain. Speeds up the healing process by moisturizing

reference	description	capacity	price/pack kr
ALOE-002-075	Aloe Vera gel	75 ml	276

EYEWASH STATIONARY STAND

Wall stand with two eyewash bottles, explanatory pictograms for instructions and a small mirror. Specially designed for work areas with eye damage risks by chemical products or foreign bodies. Includes two bottles available separately for sale: one including 500 ml of eyewash liquid (sterile NaCl 0.9%) and one including 200 ml of neutral solution (sterile phosphate buffer 4.9%). Neutral solution is to be used to quickly neutralize acids and bases and must be rinsed with the eyewash solution afterwards. Both bottles have an ergonomic mouth, perfectly adapated to the eye. According to CE standards and with expiry date from 2 to 3 years

reference	description	pcs/pack	price/pack kr
EYES-S01-001	stationary stand eyewash	1	1429
Spare parts			
EYES-SAL-500	saline solution, 500 ml	1	271
EYES-NEU-200	200 ml neutral pH solution	1	345

DUO EYEWASH STATIONARY STAND

Wall stand with two DUO eyewash bottles, explanatory pictograms for instructions and a small mirror. Specially designed for work areas with eye damage risks by chemical products or foreign bodies. Includes two bottles available separately for sale: one including 1000 ml of eyewash liquid (sterile NaCl 0.9%) and one including 500 ml of neutral solution (sterile phosphate buffer 4.9%). Neutral solution is to be used to quickly neutralize acids and bases and must be rinsed with the eyewash solution afterwards. The DUO bottles are equipped with a special eye device that allows rinsing both eyes at the same time. According to CE standards and with expiry date from 2 to 3 years

reference	description	pcs/pack	price/pack kr
EYED-S01-001	DUO eyewash stationary stand	1	1815
Spare parts			
EYED-SAL-1K0	saline solution, 1000 ml, DUO bottle	1	600
EYED-NEU-500	500 ml neutral pH solution, DUO bottle	1	556

labkem

HYDROALCOHOLIC GEL

Antiseptic gel, without perfume and not greasy. Specially designed for hygiene and disinfection of hands. Formulation with dermoprotective compound, protects the skin and prevents drying, allowing frequent use (up to 10 times/hour). Excellent penetrability and compatibility with the skin, dries quickly after application. Effective against a broad spectrum of bacteria, fungi and viruses. Contains 70% alcohol

reference	description	package	price/pack kr
ETHG-D01-300	bottle with dispenser	300 ml	94
ETHG-R01-1K0	refill bottle	1 L	245
ETHG-R01-5K0	refill bottle	5 L	639

labkem

ANTISEPTIC WITH 0,5% CHLORHEXIDINE

Chlorhexidine/alcohol hand and skin antiseptic. The active ingredients are 0,5% w/v Chlorhexidine Gluconate and Ethanol. Contains emollients to assist in the maintenance of skin integrity. Broad spectrum antibacterial and antiviral agent. Active against most Gram positive and negative bacteria and some lipophilic viruses

reference	description	package	price/pack kr
ACHL-D05-300	bottle with dispenser	300 ml	86
ACHL-R05-1K0	refill bottle	1 L	223

labkem

ABSORBENT POWDER FOR SPILLED LIQUIDS, AUXILIARY GRADE

Naturally occurring absorbent particles specially designed to absorb all kinds of spills or leaks that occur inside or outside in protected areas of the wind. Mineral sepiolite 30/60 assay > 65%, max. bulk density 720 g/l, min. water absorption 110% and min. oil absorption 65%.
INSTRUCTIONS: Add the granules on the spilled liquid, wait for a few minutes until the liquid is completely absorbed and collect it with a shovel. For further information, see Specification Sheet available on the website

reference	description	package	price/pack kr
ABSU-00P-1K0	mineral sepiolite	1 kg	123
ABSU-00P-5K0	mineral sepiolite	5 kg	329

labkem

RINSING AGENT, FOR AUTOMATIC WASHING MACHINE

Acidic neutralizing agent - surfactant free. For use in laboratory glassware washers. LABKEM RINSE AGENT A103 is biodegradable and is used in the neutralizing cycle after the main alkaline washing cycle with LABKEM CLEANER A102. Neutralizes and removes residual alkaline and mineral traces which may cause white stains on glassware. LABKEM RINSE AGENT A103 can also be used in the prewash cycle. Complete rinse without residues. See Specification Sheet to consult the composition and other relevant information available on the website

reference	description	package	price/pack kr
SOAP-103-5K0	labkem rinse agent A103	5 L	783

DETERGENTS FOR LABORATORY USE, FOR MANUAL CLEANING

labkem

Recommended for manual use, soaking and ultrasonic cleaning of glassware and laboratory equipment made of stainless steel, porcelain, ceramic and plastic. LABKEM CLEANER is biodegradable and ensures complete removal: grease, oils, blood, cell tissue, chemicals and biological residues, etc.
Complete rinse without residues. See Specification Sheet to consult the composition and other information (to be downloaded from our website)

reference	description	package	price/pack kr
SOAP-066-5K0	Labkem cleaner M66 Alkaline liquid detergent	5 L	562
SOAP-067-5K0	Labkem cleaner M67 Alkaline liquid detergent, Phosphate free	5 L	552
SOAP-068-5K0	Labkem cleaner M68 Neutral liquid detergent	5 L	560

DETERGENTS FOR LABORATORY USE, FOR AUTOMATIC WASHING MACHINE

labkem

Recommended for use in laboratory glassware washers, washers-sterilizers, spray washers. LABKEM CLEANER is used to clean glassware, instruments and items made of stainless steel, plastic, ceramic and porcelain. Efficiently removes grease, silicon oil, blood, cell cultures, chemical and biological residues. Complete rinse without residues. See Specification Sheet to consult the composition and other relevant information (to be downloaded from our website).
Caution: SOAP-107-5K0 - Dangerous chemical product (UN 1824). Due to shipping restrictions or local/national regulations, this product may not be available in all countries or for some particular customers. For more information, please contact our Customer Service

reference	description	package	price/pack kr
SOAP-102-5K0	Labkem cleaner A102 Alkaline liq. detergent, Phosphate free	5 L	739
SOAP-106-5K0	Labkem cleaner A106 Neutral liquid detergent, Phosphate free	5 L	797
SOAP-107-5K0	Labkem cleaner A107 Alkaline powder detergent	4,5 kg	679

DISINFECTANTS FOR LABORATORIES

labkem

Disinfectants for surfaces, material and laboratory equipment. 3 varieties available for different types of laboratories: General, Medical and Molecular Biology.
DSNF-GFS-750 - GERMfree solution for disinfection of instruments and surfaces in general.
DSNF-MYS-250 - MYCOPLASMAfree solution for particularly active disinfection of mycoplasma and a wide variety of microorganisms.
DSNF-ZDS-250 - ZERO DNA solution for cleaning contaminating DNA and RNA particles of examinations, samples and tests in PCR assays. Complete rinse without residues.
See Specification Sheet to consult the composition and other relevant information (to be downloaded from our website)

reference	description	package	price/pack kr
DSNF-GFS-750	GERMfree solution spray	750 ml	206
DSNF-GFR-750	GERMfree refill	750 ml	169
DSNF-GFR-5K0	GERMfree refill	5 L	700
DSNF-MYS-250	MYCOPLASMA solution spray	250 ml	339
DSNF-ZDS-250	ZERO DNA solution spray	250 ml	279
DSNF-MYR-500	MYCOPLASMA refill	500 ml	644
DSNF-ZDR-500	ZERO DNA refill	500 ml	509

DRAINING RACK FOR LABWARE

PVC coated wire. Can be hung or placed upon a table. Includes a water collection tray

reference	type	h (mm)	w (mm)	base (mm)	pcs/pack	price/pack kr
DRAI-055-001	55 positions	650	360	360 x 130	1	448
Accessories and spare parts						
DRAI-TRA-001		replacement tray			1	80

WALL DRAINING RACK FOR LABWARE

Made of ABS and polycarbonate. To be used hanging on the wall. Bottom of the rack is provided with a tray which collects all the waste water with drain outlet to facilitate emptying

reference	type	h (mm)	w (mm)	pcs/pack	price/pack kr
DRAI-P20-001	20 positions	460	350	1	977

TEST TUBE BASKET

Made of polypropylene. Autoclavable at 121 °C

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
TTBP-001-001	140	120	110	1	130
TTBP-002-001	160	160	160	1	174

TEST TUBE BASKET WITH COVER

Made of polypropylene, non-corrosive, with hinged lid. For sterilising tubes and small instruments. Autoclavable at 121 °C

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack kr
TTBC-001-001	110	120	150	1	99
TTBC-002-001	180	170	160	1	139
TTBC-003-001	230	230	230	1	205

STAINLESS STEEL WIRE BASKET

Designed for transporting, storing, cleaning and sterilising laboratory utensils. Excellent chemical resistance. Both models round and square come with folding handle, and the square model comes also with lid

reference	external dimensions	type	pcs/pack	price/pack kr
BASS-R15-001	Ø 150 x h 120 mm	round	1	268
BASS-R21-001	Ø 210 x h 180 mm	round	1	401
BASS-R24-001	Ø 240 x h 180 mm	round	1	450
BASS-R30-001	Ø 300 x h 200 mm	round	1	668
BASS-S16-001	160 x 160 x 160 mm	square	1	389
BASS-S20-001	200 x 200 x 200 mm	square	1	482
BASS-S30-001	300 x 200 x 150 mm	square	1	669

PROTECTIVE SILICONE MAT FOR GLASS

Made of silicone. Ideal to protect the glass during cleaning and allow it to drain

reference	dimensions (length x width x height)	type	pcs/pack	price/pack kr
PSIM-W30-001	250 x 300 mm	wavy	1	276

WASTE STERILIZING BAG, HDPE

Made of polyethylene (HDPE). Translucent. Perfect for the sterilization and disposal of hazardous and contaminated labware. With side gusset. Thickness: 0,03 mm

reference	capacity	dimensions (mm)	pcs/pack	price/pack kr
WABS-300-100	8 L	300 x 500	100	229
WABS-400-100	38 L	400 x 780	100	388
WABS-600-100	60 L	600 x 800	100	559
"Saving package"				
WABS-300-2K0	8 L	300 x 500	20 x 100	3893
WABS-400-1K0	38 L	400 x 780	10 x 100	3298
WABS-600-500	60 L	600 x 800	5 x 100	2377

WASTE DISPOSAL BAG RESISTANT TO AUTOCLAVE, PP

Made of polypropylene (PP), autoclavable at 134° C. Perfect for the sterilization and disposal of hazardous and contaminated labware. For autoclaving, the bag must not be completely closed.
Thickness: 0,05 mm

reference	capacity	dimensions (mm)	pcs/pack	price/pack kr
WABP-300-100	8 L	300 x 500	100	274
WABP-400-100	38 L	400 x 780	100	560
WABP-600-100	60 L	600 x 800	100	804
"Saving package"				
WABP-300-1K5	8 L	300 x 500	15 x 100	3423
WABP-400-600	38 L	400 x 780	6 x 100	2798
WABP-600-300	60 L	600 x 800	3 x 100	2009

SELF-SEALING STERILIZATION POUCH

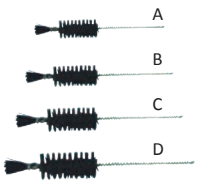
Self-sealing disposable bags, ideal for the sterilization of instruments in laboratories. With a transparent side to facilitate the identification of the content. Suitable for autoclaving and ethylene oxide (EtO) and gamma sterilization

reference	dimensions (mm)	film dimensions (mm)	pcs/pack	price/pack kr
STPO-070-200	70 x 260	70 x 230	200	126
STPO-090-200	90 x 260	90 x 230	200	215
STPO-190-200	190 x 360	190 x 330	200	457

SET OF 9 ASSORTED BRUSHES

Includes brushes for general use and test tubes of different sizes in nylon and natural bristle

reference	type	pcs/pack	price/pack kr
BRU1-KIT-001	9 assorted brushes	1	148



BRUSHES FOR GENERAL PURPOSES

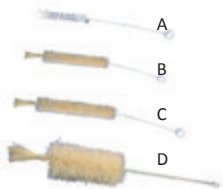
Natural bristle hand on twisted galvanized iron wire stem

reference	l_{total} (mm)	$Ø_{brush}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack kr
BRU4-001-001	280	40	80	natural bristle (A)	1	34
BRU4-002-001	310	50	100	natural bristle (B)	1	36
BRU4-003-001	355	50	110	natural bristle (C)	1	44
BRU4-004-001	600	70	150	natural bristle (D)	1	78

BURETTE BRUSHES

Natural bristle hand on twisted galvanized iron wire stem

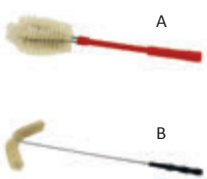
reference	l_{total} (mm)	$Ø_{brush}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack kr
BRU3-005-001	800	25	150	natural bristle	1	28



TEST TUBE BRUSHES

White nylon or natural bristle hand on twisted galvanized iron wire stem

reference	l_{total} (mm)	$Ø_{brush}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack kr
BRU1-002-002	120	6	40	nylon (A)	2	29
BRU3-001-001	170	17	55	natural bristle (B)	1	14
BRU3-002-001	200	25	75	natural bristle (C)	1	15
BRU3-003-001	240	35	70	natural bristle (D)	1	16



BRUSH FOR SPECIAL PURPOSES

Natural bristle

reference	l_{total} (mm)	$Ø_{brush}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack kr
BRU2-001-001	380	16	120	for big beakers (A)	1	117
BRU2-003-001	580	40	220	for round bottom flasks (B)	1	163

BRUSHES WITH SOFT TIP

Nylon brush with twisted galvanised iron wire handle. With extra cushioning at the tip for thorough cleaning of delicate materials

reference	l_{total} (mm)	$Ø_{brush}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack kr
BRU5-005-002	300	5	100	nylon	2	57
BRU5-010-002	300	10	100	nylon	2	55
BRU5-020-002	300	20	100	nylon	2	68
BRU5-030-002	300	30	100	nylon	2	75

MICROFIBER CLOTH

Multipurpose with great absorption capacity for all types of surfaces. 4 different colors. Composition: 80% polyester and 20% polyamide

reference	dimensions (mm)	weight/surface (g/m²)	pcs/pack	price/pack kr
MFCS-001-004	350 x 300	280	4	70

ANTIBACTERIAL MICROFIBER CLOTH

With Copptech antibacterial technology. Eliminates up to 99.9% of bacteria. Tested according to ISO 20743: 2013. 3 different colours. Composition: 80% polyester and 20% polyamide

reference	dimensions (mm)	weight/surface (g/m²)	pcs/pack	price/pack kr
AMFC-001-003	400 x 350	290 ±10%	3	66

ANTIBACTERIAL MICROFIBER MOP

With Copptech antibacterial technology. Eliminates up to 99.9% of bacteria. Tested according to ISO 20743: 2013. Quick drying and great absorption capacity. Composition: 80% polyester and 20% polyamide

reference	description	pcs/pack	price/pack kr
AMFM-001-001	antibacterial	1	65

PRAT DUMAS

JOSEPH PAPER

Extra thin paper, superior quality for wiping or packing laboratory glassware. Chemical and solvent-free. Excellent absorption and perfect wiping, does not go fluffy. Surface weight: 30 g/m². Thickness: 70 µm

reference	l (mm)	w (mm)	pcs/pack	price/pack kr
JPPF-350-040	350	500	40	240
JPPF-350-800	350	500	800	1271

INDUSTRIAL WORK CELLULOSE PAPER

Double layer. Embossing and precut. Paper weight 36 g/m². Ideal for basic drying tasks. 475 m (1610 sheets)

reference	Ø hole	wide	weight	pcs/pack	price/pack kr
IWCP-001-002	7 cm	26 cm	4,5 kg	2	548

DRY HANDS CELLULOSE PAPER, MULTIPURPOSE

Double laminated layer. Embossing and precut. Paper weight 36 g/m². Ideal for basic drying tasks. 130 m (440 sheets)

reference	Ø hole	wide	long	weight	pcs/pack	price/pack kr
DHCP-001-006	7 cm	20 cm	130 m	800 g	6	377

PAPER ROLL HOLDER

Roll holder in lacquered steel and ABS. The top blade facilitates the cutting of the paper. Compatible with industrial paper rolls up to 31 centimetres wide

reference	weight (kg)	dimensions (length x width x height)	description	pcs/pack	price/pack kr
SOPO-A31-001	2,2	950 x 400 x 390 mm	green colour, foldable	1	549

CELLULOSE TISSUES

Double layer. 100% cellulose. 100 service dispenser box. Suitable for all types of environments

reference	l (mm)	w (mm)	surface weight	pcs/pack	price/pack kr
CELT-001-001	210	200	32 g	1	23

CARBOARD RECYCLING BIN

With printed icons to mark the content to deposit. 216 x 204 mm top entry and side handles. Weight 755 g/m². Can be used with our reference WABS-600-100

reference	dimensions (length x width x height)	pcs/pack	price/pack kr
CRBN-001-001	280 x 280 x 700 mm	1	141

METRIA

OUR RANGE OF METRIA SCALES IS EXPANDING.

We are introducing the new analytical scale, PLUS:

- Precision: 0.0001 g
- High stability
- Backlit LCD display
- Spacious draft shield

see p. 248

labbox

CHEMICALS

LABORATORY CHEMICALS AND REAGENTS labkem

PRODUCT DISTRIBUTION

BASICKEM CHEMICALS FOR USE IN LABORATORIES. INCLUDES THE FOLLOWING GRADES:

- AGR – **ANALYTICAL GRADE**: FOR ANALYTICAL APPLICATIONS WITH LOW IMPURITY LEVEL (ON THE ORDER OF PPM), ACCORDING ACS OR ISO STANDARDS
- EPR – **EXTRA PURE**: FOR ORGANIC SYNTHESIS, CHEMICAL PREPARATIVE OR ROUTINE ANALYSIS APPLICATIONS
- GLR – **GENERAL LABORATORY REAGENT**: FOR GENERAL USE.
- VSA – **VOLUMETRIC SOLUTION FOR ANALYSIS**: USED IN VOLUMETRIC ANALYSIS, MOSTLY ACID-BASE
- IND – **INDICATOR**: INDICATORS FOR VOLUMETRIC TITRATIONS
- AUX – **AUXILIARY GRADE**: AUXILIARY PRODUCTS FOR LABORATORY USES

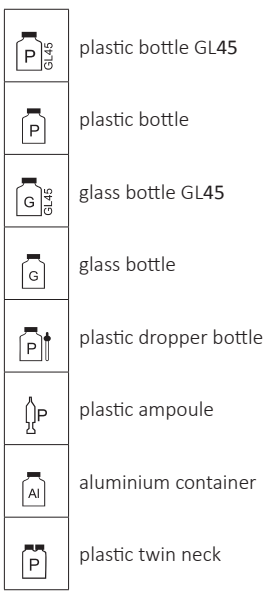
LIFEKEM PRODUCTS FOR BIOLOGICAL AND MICROBIOLOGICAL APPLICATIONS. INCLUDES THE FOLLOWING GRADES:

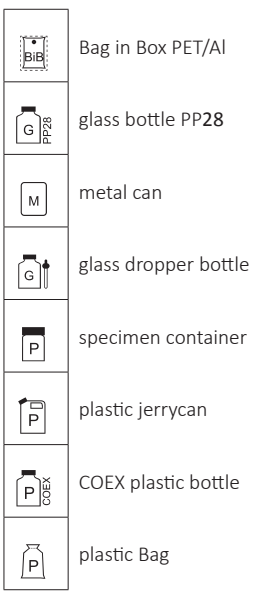
- MIC – **MICROSCOPY GRADE**: DYES AND STAINS IN POWDER OR READY TO USE IN MICROSCOPY AND HISTOLOGY APPLICATIONS
- HIS – **HISTOLOGY GRADE**: TO USE IN THE FIELD OF PATHOLOGY
- BAC – **BACTERIOLOGY GRADE**: CULTURE MEDIA, BASES, BROTHS AND INGREDIENTS FOR BACTERIOLOGICAL APPLICATIONS
- GEN – **MOLECULAR GENETIC GRADE**: CULTURE MEDIA, BASES AND AGAROSES FOR MOLECULAR BIOLOGY APPLICATIONS

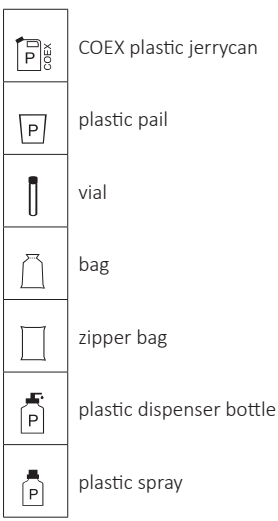
INSTRUKEM HIGH PERFORMANCE PRODUCTS FOR GC, HPLC, LC-MS AND ICP AND OTHER INSTRUMENTAL ANALYTICAL TECHNIQUES. INCLUDES THE FOLLOWING GRADES:

- GGR – **GRADIENT GRADE**: HIGH PERFORMANCE SOLVENTS FOR HPLC (HIGH PRESSURE LIQUID CHROMATOGRAPHY)
- PGR – **PESTICIDE GRADE**: SOLVENTS FOR PESTICIDE ANALYSIS
- LGR – **LC/MS GRADE**: ULTRA-HIGH PERFORMANCE SOLVENTS FOR LC-MS (LIQUID CHROMATOGRAPHY – MASS SPECTROMETRY)
- TGR – **TRACE GRADE**: VERY HIGH PURITY ACIDS, WITH AN IMPURITY LEVEL ON THE ORDER OF 0,1-1 PPB, FOR SAMPLE PREPARATION FOR TRACE ANALYSIS BY ICP-MS/OES (INDUCTIVELY COUPLED PLASMA – MASS SPECTROMETRY / OPTICAL EMISSION SPECTROMETRY)
- KFR – **KARL-FISCHER GRADE**: REAGENTS FOR DETERMINATION OF HUMITY BY KARL-FISCHER METHOD

PACKAGING







ABSORBENT POWDER *SEE P. 344*

ACETIC ACID, GLACIAL

MW: 60.05 CAS: 64-19-7 EC: 200-580-7 EC INDEX: 607-002-00-6

IMDG: 8 (3) II UN 2789 ADR: 8 (3) II UN 2789 (D/E) IATA: 8 (3) II UN 2789

CH_3COOH

ACETIC ACID, GLACIAL 99.5% GLR — BASICKEM

App. Colourless clear liquid
Assay > 99.5%
Density at 20°C approx. 1.049 - approx.
1.049
Res. on evap. < 0.005%
Cl^- < 0.0002%
SO_4 < 0.0005%
Heavy metals (Pb) < 0.0002%
Fe < 0.0005%

reference	packaging		price kr
ACAC-G0P-1K0	G PP28	1 L	242
ACAC-G0P-2K5	P	2,5 L	590
ACAC-G0P-5K0	P	5 L	1180

ACETIC ACID, GLACIAL 99.5% AGR — BASICKEM

Assay > 99.5%
Acetaldehyde < 0.01%
Subst. red. $KMnO_4$ < 0.02%
Cl^- < 0.0001%
Density at 20°C 1.049 - 1.052g/ml
Res. on evap. < 0.002%
Fe < 0.00006%
SO_4 < 0.0002%
Heavy metals (Pb) < 0.0001%

reference	packaging		price kr
ACAC-GGA-1K0	G PP28	1 L	299
ACAC-GGA-2K5	P	2,5 L	643

ACETIC ACID, GLACIAL 99.8% AGR ACS, ISO, PH. EUR. — BASICKEM

Assay > 99.8%
Non-Vol. Mat. < 0.0005%
Ag < 0.000001%
Al < 0.000005%
As < 0.000001%
Ba < 0.000001%
Be < 0.000001%
Bi < 0.00001%
Ca < 0.00002%
Cd < 0.000005%
Co < 0.000001%
Cr < 0.000002%
Cu < 0.000001%
Fe < 0.00001%
Ge < 0.000005%
K < 0.00001%
Li < 0.000001%
Mg < 0.00001%
Mn < 0.000001%
Mo < 0.000002%
Na < 0.00005%
Ni < 0.000002%
Pb < 0.000002%
Sr < 0.000001%
Ti < 0.00001%
Tl < 0.000005%
V < 0.000001%
Zn < 0.000005%
Zr < 0.00001%
Cl^- < 0.00005%
PO_4 < 0.00005%
SO_4 < 0.00005%
Acetaldehyde < 0.0002%
Acetic anhydride < 0.01%
Indif. to CrO_3 Passes test
Subst. red. $KMnO_4$ < 0.002%
H_2O < 0.15%
Colour (Hazen) < 5
Res. on evap. < 0.001%
Heavy met. < 0.00005%
Alkalinity < 0.0004meq/g

reference	packaging		price kr
ACAC-GIA-1K0	P GL45	1 L	241
ACAC-GIA-2K5	P GL45	2,5 L	428
ACAC-GIA-P04	P GL45	4x2,5 L	1428

ACETIC ACID, VOLUMETRIC SOLUTION

MW: 60.05 CAS: 64-19-7 EC: 200-580-7 EC INDEX: 607-002-00-6

CH_3COOH

ACETIC ACID, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA — BASICKEM

Concentration 0.0996 - 0.1004M

reference	packaging		price kr
ACAC-01V-1K0	P	1 L	264

ACETIC ACID, VOLUMETRIC SOLUTION 1 M (1 N) VSA — BASICKEM

Concentration 0.996 - 1.004M

reference	packaging		price kr
ACAC-1V0-1K0	P	1 L	299

ACETIC ANHYDRIDE

MW: 102.08 CAS: 108-24-7 EC: 203-564-8 EC INDEX: 607-008-00-9 TARIC code: 29152400 Restriction: Drugs precursor Cat. 2

IMDG: 8 (3) II UN 1715 ADR: 8 (3) II UN 1715 (D/E) IATA: 8 (3) II UN 1715

$(CH_3CO)_2O$

ACETIC ANHYDRIDE AGR ACS, ISO, PH. EUR. — BASICKEM

Assay > 99%
Non-Vol. Mat. < 0.003%
Al < 0.0005%
B < 0.000002%
Ba < 0.00001%
Ca < 0.00005%
Cd < 0.000005%
Co < 0.000002%
Cr < 0.000002%
Cu < 0.000002%
Fe < 0.00001%
Mg < 0.00001%
Mn < 0.000002%
Ni < 0.000002%
Pb < 0.00001%
Sn < 0.00001%
Zn < 0.00001%
Cl^- < 0.0002%
PO_4 < 0.001%
SO_4 < 0.0005%
Subst. red. $KMnO_4$ < 0.01%
Res. on evap. < 0.003%
Heavy metals (Pb) < 0.00002%

reference	packaging		price kr
ACAN-00A-1K0	G GL45	1 L	518

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

ACETONE

MW: 58.08 CAS: 67-64-1 EC: 200-662-2 EC INDEX: 606-001-00-8 TARIC code: 29141100 Restriction: Drugs precursor Cat. 3 + Explosives

IMDG: 3 II UN 1090 ADR: 3 II UN 1090 (D/E) IATA: 3 II UN 1090

CH_3COCH_3

ACETONE 99.6% GLR — BASICKEM

App. Clear liquid
Colour (Hazen) < 10
H_2O < 0.3%
Acid. (Acetic acid) < 0.002%
Assay > 99.6%
Benzene < 0.0005%
Mesityl Oxide < 0.005%
Cumene < 0.005%
Diacetone alcohol < 0.015%
Density at 15°C 0.796 - 0.798g/ml
Boiling range 55.8 - 56.6°C
Non-Vol. Mat. < 0.0015%

reference	packaging		price kr
ACET-P0P-1K0	P CODEX	1 L	131
ACET-G0P-1K0	G PP28	1 L	135
ACET-P0P-5K0	P CODEX	5 L	410
ACET-P0P-10K	P CODEX	10 L	851
ACET-M0P-25K	M	25 L	1875

ACETONE 99.5% AGR ACS, ISO, PH. EUR. — BASICKEM

Assay > 99.5%
Free Acid < 0.002%
Free Alkalinity < 0.001%
Water < 0.2%
EtOH < 0.01%
Formaldehyde < 0.0002%
Subst. red. $KMnO_4$ < 0.00025%
Methanol < 0.01%
Res. on evap. < 0.001%
Ni < 0.000005%
Fe < 0.00001%
Cu < 0.000001%
Mn < 0.000001%
Co < 0.000005%
Mg < 0.00001%
Pb < 0.000001%
Zn < 0.000001%

reference	packaging		price kr
ACET-0IA-1K0	P GL45	1 L	178
ACET-0IA-2K5	P GL45	2,5 L	340
ACET-0IA-P04	P GL45	4x2,5 L	1133
ACET-0IA-5K0	P	5 L	580

ACETONE HPLC GGR — INSTRUKEM

ACS Spec. passes test
UV spectrophotometry
UV-Abs. max. lim. (330 nm) < 1.00
UV-Abs. max. lim. (340 nm) < 0.06
UV-Abs. max. lim. (350 nm) < 0.01
UV Cutoff < 330nm
Assay > 99.7%
Colour (Hazen) < 10
Water (KF) < 0.25%
Res. on evap. < 0.0001%
Titr. acid < 0.0003mEq/g
Titr. base < 0.0006mEq/g
Solub. in H_2O passes test
Subst. red. $KMnO_4$ passes test
Aldehydes < 0.002%
Methanol < 0.05%
2-Propanol < 0.05%

reference	packaging		price kr
ACET-0GH-2K5	G GL45	2,5 L	488
ACET-0GH-P04	G GL45	4x2,5 L	1627

ACETONE PESTICIDE GRADE PGR — INSTRUKEM

Assay > 99.5%
Water (KF) < 0.5%
Colour (Hazen) < 10
Non-Vol. Mat. < 0.0005%

reference	packaging		price kr
ACET-0GC-2K5	G GL45	2,5 L	532
ACET-0GC-P04	G GL45	4x2,5 L	1775

ACETONITRILE

MW: 41.05 CAS: 75-05-8 EC: 200-835-2 EC INDEX: 608-001-00-3

IMDG: 3 II UN 1648 ADR: 3 II UN 1648 (D/E) IATA: 3 II UN 1648

CH_3CN

ACETONITRILE GC/HPLC GGR — INSTRUKEM

UV-Abs. max. lim. (195 nm) < 0.15
UV-Abs. max. lim. (200 nm) < 0.05
UV-Abs. max. lim. (205 nm) < 0.04
UV-Abs. max. lim. (210 nm) < 0.02
UV-abs. max. lim. (220 nm) < 0.01
UV-Abs. max. lim. (254 nm) < 0.009
UV Cutoff < 190nm
Grad. Elut. test passes test
Assay > 99.9%
Colour (Hazen) < 10
H_2O (by KF) < 0.01%
Res. on evap. < 0.0001%
Titr. acid < 0.0008mEq/g
Titr. base < 0.0006mEq/g

reference	packaging		price kr
ACTN-0GH-2K5	G GL45	2,5 L	887
ACTN-0GH-P04	G GL45	4x2,5 L	2958
ACTN-0GH-4K0	G GL38	4 L	1109
ACTN-0GH-PG4	G GL38	4x4 L	3697

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

ACETONITRILE LC/MS LGR			INSTRUKEM	reference	packaging		price kr
LC Grad. Suit. Passes test Assay > 99.9% Colour (Hazen) < 10 Water (KF) < 0.01% Res. on evap. < 0.0001% Titr. acid < 0.008% Titr. base < 0.0006% UV-Abs. max. lim. (195 nm) < 0.15 UV-Abs. max. lim. (200 nm) < 0.05 UV-Abs. max. lim. (205 nm) < 0.04 UV-Abs. max. lim. (210 nm) < 0.02	UV-abs. max. lim. (220 nm) < 0.01 UV-Abs. max. lim. (254 nm) < 0.005 UV Cutoff < 190nm Grad. elut. H. Peak (254 nm) < 0.5mAU Grad. elut. H. Peak (210 nm) < 2mAU Al < 0.0000025% Ba < 0.000005% Cd < 0.000005% Ca < 0.0000025% Cr < 0.000005% Co < 0.000005%	Cu < 0.000005% Fe < 0.000005% Pb < 0.000005% Mg < 0.0000025% Mn < 0.000005% Ni < 0.000005% K < 0.0000025% Ag < 0.000005% Na < 0.000005% Sn < 0.000005% Zn < 0.000005%	ACTN-LCM-2K5	G GL45	2,5 L	1153
			ACTN-LCM-P04	G GL45	4x2,5 L	3845

AGAR BASES FOR MICROBIOLOGICAL CULTURE *SEE P. 45*

AGARS FOR MICROBIOLOGICAL CULTURE *SEE P. 45*

AGAROSES *SEE P. 32*

ALUMINIUM NITRATE NONAHYDRATE

MW: 375.13 CAS: 7784-27-2 EC: 236-751-8

$Al(NO_3)_3 \cdot 9H_2O$

IMDG: 5.1 III UN 1438 ADR: 5.1 III UN 1438 (E) IATA: 5.1 III UN 1438

ALUMINIUM NITRATE NONAHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay 98.5 - 101% Insol. matter < 0.01% pH (5%, 20°C) 2.5 - 3.5	Cl^- < 0.001% Ca + K + Na < 0.03% Fe < 0.004%	Heavy metals (Pb) < 0.0005% SO_4 < 0.005%		ALNA-09A-500	P	500 g	482

ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE

MW: 474.39 CAS: 7784-24-9 EC: 233-141-3

$AlKO_8S_2 \cdot 12H_2O$

ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE EPR PH.EUR.			BASICKEM	reference	packaging		price kr
Assay 99 - 100.5% App. Conforms Identif. A and B and C Conforms	App. of sol. Clear and colourness pH (1/10) 3 - 5 NH_4 < 0.2%	Fe < 0.01% Heavy metals (Pb) < 0.002%		ALPS-12P-500	P	500 g	149
				ALPS-12P-1K0	P	1 kg	328
ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE AGR			BASICKEM	reference	packaging		price kr
App. Colourless crystals or white powder Assay > 99.5% Insol. matter < 0.005%	pH (5%, 20°C) 3.0 - 3.5 Cl^- < 0.0005% NH_4 < 0.005% As < 0.00005%	Cd < 0.0003% Cu < 0.0003% Fe < 0.001% Na < 0.02%	Pb < 0.0004%	ALPS-12A-500	P	500 g	277

ALUMINIUM POWDER

MW: 26.98 CAS: 7429-90-5 EC: 231-072-3

Al

IMDG: 4.3 II UN 1396 ADR: 4.3 II UN 1396 IATA: 4.3 II UN 1396

ALUMINIUM POWDER GLR			BASICKEM	reference	packaging		price kr
Assay > 98.0% Si < 0.1% N Comp. (N) < 0.001%	Insol. in dil. HCl < 0.005% Ti < 0.03% Fe < 0.5%	Cu < 0.02% Mn < 0.02%		ALPW-00P-250	P	250 g	236

ALUMINIUM SHEET

MW: 26.98 CAS: 7429-90-5 EC: 231-072-3

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Al

ALUMINIUM SHEET 100 X 30 X 1 MM GLR	BASICKEM	reference	packaging		price kr
Approx. dim. 100 x 30 x 1 mm		ALST-L01-010		10 un.	125

ALUMINIUM SULFATE 18-HYDRATE

MW: 666.42 CAS: 7784-31-8 EC: 233-135-0

$Al_2(SO_4)_3 \cdot 18H_2O$

ALUMINIUM SULFATE 18-HYDRATE AGR ACS, BP			BASICKEM	reference	packaging		price kr
Assay 98 - 102% Insol. matter < 0.01% Reaction (pH) > 2.5 Subst. not pptd. by NH_4 < 0.2%	Cl^- < 0.001% NH_4 < 0.002% Fe < 0.002% Heavy metals (Pb) < 0.001%	Ca < 0.01% Na < 0.02% K < 0.005%		ALSU-18A-500	P	500 g	131

4-AMINOPHENOL

MW: 109.13 CAS: 123-30-8 EC: 204-616-2 EC INDEX: 612-128-00-X

IMDG: 6.1 III UN 2512 ADR: 6.1 III UN 2512 (E) IATA: 6.1 III UN 2512

$H_2NC_6H_4OH$

4-AMINOPHENOL GLR		BASICKEM	reference	packaging		price kr
Assay > 98% Melt. range 185 - 189°C	Appearance/colour White to cream to beige to light brown crystals or - granules or powder		AMPH-00P-250	P	250 g	323

AMMONIA SOLUTION

MW: 17.03 CAS: 1336-21-6 EC: 215-647-6 EC INDEX: 007-001-01-2

IMDG: 8 III UN 2672 ADR: 8 III UN 2672 (E) IATA: 8 III UN 2672

NH_3

AMMONIA SOLUTION 20% AGR			BASICKEM	reference	packaging		price kr
Assay 19.5 - 20.5 CO_3 < 0.002% Ca + Mg < 0.0008% PO_4 < 0.0001%	Cl^- < 0.0001% Subst. red. $KMnO_4$ < 0.0002% S < 0.0003% Fe < 0.000025%	Heavy metals (Pb) < 0.00005% Non-Vol. Mat. < 0.003%		AMMO-20A-1K0	G PP28	1 L	158
AMMONIA SOLUTION 25% EPR			**BASICKEM**	**reference**	**packaging**		**price kr**
Assay 24 - 28% CO_3 < 0.003% Ca+Mg (Ca) < 0.0004% Cl^- < 0.0002%	S < 0.001% PO_4 < 0.0005% Subst. red. $KMnO_4$ < 0.0008% Fe < 0.0001%	Non-Vol. Mat. < 0.005% Heavy metals (Pb) < 0.0002%		AMMO-25P-1K0	G PP28	1 L	148
				AMMO-25P-5K0	P	5 L	678
AMMONIA SOLUTION 25% AGR			BASICKEM	reference	packaging		price kr
Assay 24 - 28% Carbonates (CO_2) < 0.002% Ca + Mg < 0.0002% Subst. red. $KMnO_4$ < 0.0008%	Cl^- < 0.0001% PO_4 < 0.0001% S < 0.0003% Res. on evap. < 0.003%	Fe < 0.000025% Heavy metals (Pb) < 0.00005%		AMMO-25A-1K0	G PP28	1 L	165
				AMMO-25A-2K5	P	2,5 L	401

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

AMMONIA SOLUTION 25% AGR ISO, PH.EUR.			BASICKEM	reference	packaging		price kr
Assay > 25% Au < 0.00001% Ga < 0.000002% Cl^- < 0.00005% PO_4 < 0.00005% S < 0.0002% Bi < 0.00001% Ni < 0.000005% SO_4 < 0.0002% Res. on evap. < 0.002% In < 0.000002% Ba < 0.00001%	Fe < 0.00001% Ca < 0.0001% Cr < 0.0000005% Cu < 0.00001% Mn < 0.00001% Co < 0.00001% Li < 0.000002% Mg < 0.00005% Na < 0.0001% K < 0.0001% Mo < 0.00001% Pb < 0.000005%	Sr < 0.0001% Cd < 0.000005% Pt < 0.00001% Ti < 0.00001% Ag < 0.000002% Tl < 0.0000005% Sn < 0.00001% CO_3 < 0.001% Zn < 0.00001% Subst. red. $KMnO_4$ < 0.0005%		AMMO-25I-1K0	P GL45	1 L	158

AMMONIUM ACETATE

MW: 77.08 CAS: 631-61-8 EC: 211-162-9

CH_3COONH_4

AMMONIUM ACETATE EPR		BASICKEM	reference	packaging		price kr
Assay > 96.5% pH (5%) 6.7 - 7.3	Cl^- < 0.001% Fe < 0.001%		AMAC-00P-1K0	P	1 kg	222

AMMONIUM ACETATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 98% Insol. matter < 0.005% pH (5%, 25°C) 6.7 - 7.3 PO_4 < 0.0005%	Cl^- < 0.0005% NO_3 < 0.001% SO_4 < 0.001% Fe < 0.0005%	Heavy metals (Pb) < 0.0005% Ash < 0.01% Subst. red. $KMnO_4$ < 0.005% H_2O < 2.0%		AMAC-00A-500	P	500 g	233

AMMONIUM CHLORIDE

MW: 53.49 CAS: 12125-02-9 EC: 235-186-4 EC INDEX: 017-014-00-8

NH_4Cl

AMMONIUM CHLORIDE EPR			BASICKEM	reference	packaging		price kr
App. White crystals or powder Assay (dried subst.) > 99.0% Insol. matter < 0.02% pH (5%) 4.5 - 6.0	Ash (SO_4) < 0.05% SO_4 < 0.01% PO_4 < 0.002% Heavy metals (Pb) < 0.002%	Organic subst. passes test Ca < 0.004% Fe (III) < 0.001% Mg < 0.0025%		AMCH-00P-1K0	P	1 kg	165

AMMONIUM CHLORIDE AGR				BASICKEM	reference	packaging		price kr
App. White crystals or powder Assay > 99.5% Insol. matter < 0.005% Ash (SO_4) < 0.05%	NO_3 < 0.0006% SO_4 < 0.002% PO_4 < 0.001% ClO_3 < 0.0005%	Br^- and I^- < 0.001% SCN < 0.005% Heavy met. (Pb) < 0.0005% Organic subst. Passes test	As < 0.00005% Ca < 0.001% Fe (III) < 0.0005% Mg < 0.001%		AMCH-00A-500	P	500 g	134
					AMCH-00A-1K0	P	1 kg	210

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AMMONIUM DICHROMATE WATERED

MW: 252.07 CAS: 7789-09-5 EC: 232-143-1 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 5.1 II UN 1439 ADR: 5.1 II UN 1439 (E) IATA: 5.1 II UN 1439

$(NH_4)_2Cr_2O_7$

AMMONIUM DICHROMATE WATERED (0.5-3% H_2O) AGR				BASICKEM	reference	packaging		price kr
Assay > 99% insol. in water < 0.005% pH (5%, 20°C) 3.0 - 4.0	Cl^- < 0.005% SO_4 < 0.01% Ca < 0.005%	Cu < 0.005% Fe < 0.002% K < 0.05%	Mg < 0.002% Na < 0.005% Pb < 0.005%		AMDC-W0A-500	P	500 g	643

AMMONIUM HEPTAMOLYBDATE TETRAHYDRATE

MW: 1235.86 CAS: 12054-85-2 EC: 234-722-4

$(NH_4)_5\ Mo_7O_{24}\cdot 4H_2O$

AMMONIUM HEPTAMOLYBDATE TETRAHYDRATE AGR ISO			BASICKEM	reference	packaging		price kr
Assay > 99% App. Colourless or slightly green crystals Insol. matter < 0.01% Odour ammoniacal Cl^- < 0.001% PO_4 SiO_2 (PO_4) < 0.001%	NO_3 < 0.002% SO_4 < 0.005% Fe < 0.001% Cu < 0.001% Pb < 0.001%			AMHM-04A-250	P	250 g	1109

DI-AMMONIUM HYDROGEN PHOSPHATE

MW: 132.05 CAS: 7783-28-0 EC: 231-987-8

$(NH_4)_2HPO_4$

DI-AMMONIUM HYDROGEN PHOSPHATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Cl^- < 0.005%	SO_4 < 0.01% Fe (III) < 0.002%	Heavy metals (Pb) < 0.002% pH (5%, 20°C) 4 - 5		AMPB-00A-1K0	P	1 kg	471

AMMONIUM IRON (II) SULFATE HEXAHYDRATE

MW: 392.14 CAS: 7783-85-9 EC: 233-151-8

$H_8FeN_2O_8S_2\cdot 6H_2O$

AMMONIUM IRON (II) SULFATE HEXAHYDRATE EPR				BASICKEM	reference	packaging		price kr
Assay 98 - 101%	Insol. matter < 0.01%	PO_4 < 0.005%	Cl^- < 0.005%		AMIS-06P-1K0	P	1 kg	347
AMMONIUM IRON (II) SULFATE HEXAHYDRATE AGR ACS, USP, NF				**BASICKEM**	**reference**	**packaging**		**price kr**
App. Greenish blue crystals / crystalline powder Assay 99.0 - 101.5% Insol. matter < 0.01% PO_4 < 0.003%	Ca < 0.005% Cu < 0.003% Fe (III) < 0.01% Mn < 0.01% Mg < 0.002%	K < 0.002% Na < 0.02% Subst. not pptd. by NH_4 < 0.05% Zn < 0.003%			AMIS-06A-500	P	500 g	212

AMMONIUM IRON (III) SULFATE DODECAHYDRATE

MW: 482.19 CAS: 7783-83-7 EC: 233-382-4

$H_4FeNO_8S_2\cdot 12H_2O$

AMMONIUM IRON (III) SULFATE DODECAHYDRATE AGR ACS, USP, NF			BASICKEM	reference	packaging		price kr
Assay 98.50 - 102.00% App. Pale violet crystals Insol. matter < 0.01% Cl^- < 0.001% Ferrous ion Passes test	NO_3 < 0.01% Ca < 0.01% Mg < 0.005% K < 0.005% Na < 0.02%	Cu < 0.003% Zn < 0.003% Subs. not pptd. by ammonia < 0.05%		AMIS-12A-500	P	500 g	178

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

DI-AMMONIUM OXALATE HYDRATE

MW: 142.11 CAS: 6009-70-7 EC: 214-202-3

$(NH_4)_2C_2O_4 \cdot H_2O$

DI-AMMONIUM OXALATE HYDRATE AGR ACS	BASICKEM	reference	packaging		price kr
Assay 99 - 101% Insol. matter < 0.005% Res. on ignition < 0.02% Cl^- < 0.002% Fe < 0.0002% Pb < 0.0005% SO_4 < 0.002%		AMOX-01A-500	P	500 g	266

AMMONIUM PERSULFATE

MW: 228.19 CAS: 7727-54-0 EC: 231-786-5 EC INDEX: 016-060-00-6

IMDG: 5.1 III UN 1444 ADR: 5.1 III UN 1444 (E) IATA: 5.1 III UN 1444

$(NH_4)_2S_2O_8$

AMMONIUM PERSULFATE AGR ACS	BASICKEM	reference	packaging		price kr
Assay > 98.0% Insol. matter < 0.005% Free Acid < 0.044meq/g Cl^- and ClO_3 < 0.001% Ash (SO_4) < 0.05% Fe < 0.001% Heavy metals (Pb) < 0.005% Mn < 0.00005%		AMPS-00A-500	P	500 g	253

AMMONIUM SULFATE

MW: 132.14 CAS: 7783-20-2 EC: 231-984-1 EC INDEX: 016-060-00-6

$(NH_4)_2SO_4$

AMMONIUM SULFATE EPR	BASICKEM	reference	packaging		price kr
Assay > 99% Total N > 21% Loss on ign. < 0.25% Cl^- < 0.001% Se < 0.003% Fe < 0.005% Pb < 0.0003%		AMSU-00P-500	P	500 g	95
		AMSU-00P-1K0	P	1 kg	150
		AMSU-00P-5K0	P	5 kg	324

AMMONIUM SULFATE AGR ACS	BASICKEM	reference	packaging		price kr
Assay > 99.0% Insol. matter < 0.005% Res. on ignition < 0.005% Reaction (pH) 5.0 - 6.0 Cl^- < 0.0005% NO_3 < 0.001% PO_4 < 0.0005% Fe < 0.0005%		AMSU-00A-500	P	500 g	118

AMMONIUM THIOCYANATE

MW: 76.12 CAS: 1762-95-4 EC: 217-175-6 EC INDEX: 615-004-00-3

NH_4SCN

AMMONIUM THIOCYANATE AGR ACS	BASICKEM	reference	packaging		price kr
Assay > 98.5% App. White/Crystal. Powder pH (5%) 4.5 - 6 Insol. matter < 0.025% Cl^- < 0.005% Fe < 0.0003% Pb < 0.0005% SO_4 < 0.005%		AMTH-00A-500	P	500 g	341

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ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL)

MW: 88.15 CAS: 123-51-3 EC: 250-378-8 EC INDEX: 603-006-00-7

IMDG: 3 III UN 1105 ADR: 3 III UN 1105 (D/E) IATA: 3 III UN 1105

$C_5H_{12}O$

ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL) EPR			BASICKEM	reference	packaging		price kr
Assay > 99% H_2O < 0.3% Free acids < 0.01%	Furfural < 0.003% H_2SO_4 Test Passes test Density at 20°C 0.81 - 0.815g/ml	Res. on evap. < 0.005%		AMYL-00P-1K0	G PP28	1 L	554
ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL) AGR SEGÚN GERBER			BASICKEM	reference	packaging		price kr
Assay > 99% H_2O < 0.2% Free acids < 0.01%	Furfural < 0.0001% H_2SO_4 Test Passes test Density at 20°C 0.81 - 0.815g/ml	Res. on evap. < 0.003%		AMYL-00A-1K0	G PP28	1 L	614

L(+)-ASCORBIC ACID

MW: 176.13 CAS: 50-81-7 EC: 200-066-2

$C_6H_8O_6$

L(+)-ASCORBIC ACID EPR PH.EUR.			BASICKEM	reference	packaging		price kr
Assay > 99.00% App. White cryst. powder Ash (SO_4) < 0.1%	Loss on dry. < 0.4% Spec. Opt. Rot. 20.5 - 21.5° As < 0.0003%	Pb < 0.0002% Hg < 0.0001% Heavy met. < 0.001%		ASAC-L0P-250	P	250 g	195
				ASAC-L0P-500	P	500 g	272

BACTERIOLOGICAL PEPTONE *SEE P. 45*

BARIUM CHLORIDE DIHYDRATE

MW: 244.28 CAS: 10326-27-9 EC: 233-788-1 EC INDEX: 056-004-00-8

IMDG: 6.1 III UN 1564 ADR: 6.1 III UN 1564 (E) IATA: 6.1 III UN 1564

$BaCl_2 \cdot 2H_2O$

BARIUM CHLORIDE DIHYDRATE EPR			BASICKEM	reference	packaging		price kr
Assay > 99% Subst. not pptd. by dil. H_2SO_4 < 0.1%	Fe < 0.001% Heavy metals (Pb) < 0.001%			BACL-02T-500	P	500 g	162
				BACL-02T-5K0	P	5 kg	1121
BARIUM CHLORIDE DIHYDRATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay 99 - 100.5% App. Crystal powder Insol. matter < 0.005%	Reaction (pH) 5 - 8 Fe < 0.0002% Ca < 0.01%	Cu < 0.0005% Pb < 0.0005% Sr < 0.05%		BACL-02A-500	P	500 g	197

BARIUM HYDROXYDE OCTAHYDRATE

MW: 315.48 CAS: 12230-71-6 EC: 241-234-5

IMDG: 8 (6.1) II UN 2923 ADR: 8 (6.1) II UN 2923 (E) IATA: 8 (6.1) II UN 2923

$Ba(OH)_2 \cdot 8H_2O$

BARIUM HYDROXYDE OCTAHYDRATE AGR			BASICKEM	reference	packaging		price kr
App. Colourless or white crystals Assay > 97.0% Insol. in dil. HCl < 0.005%	Cl^- < 0.002% S^- < 0.0005% CO_3 ($BaCO_3$) < 2.0%	Heavy metals (Pb) < 0.0005% Alk. metals/Earth met. < 0.05% Fe < 0.0005%		BAHY-08A-500	P	500 g	666

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

BARIUM NITRATE

MW: 261.35 CAS: 10022-31-8 EC: 233-020-5 EC INDEX: 057-002-007

$Ba(NO_3)_2$

IMDG: 5.1 (6.1) II UN 1446 ADR: 5.1 (6.1) II UN 1446 (E) IATA: 5.1 (6.1) II UN 1446

BARIUM NITRATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 99% Fe < 0.0002% Heavy metals (Pb) < 0.0005%	Cl^- < 0.0005% Ca < 0.05% Na < 0.005%	K < 0.005% Sr < 0.1%		BANA-00A-500	P	500 g	296

BENEDICT REAGENT

CAS: 63126-89-6

IMDG: 9 III UN 3082 ADR: 9 III UN 3082 IATA: 9 III UN 3082

BENEDICT REAGENT QUALITATIVE AGR		BASICKEM	reference	packaging		price kr
For detect. of sugar in urine App. Blue Solution	This product was manufactured in accordance with procedure SR-50.		BENR-QLA-500	P	500 ml	166

BENZALDEHYDE

MW: 106,12 CAS: 100-52-7 EC: 202-860-4 EC INDEX: 605-012-00-5

C_6H_5CHO

IMDG: 9 III UN 1990 ADR: 9 III UN 1990 (E) IATA: 9 III UN 1990

BENZALDEHYDE AGR		BASICKEM	reference	packaging		price kr
App. Pale yellow coloured liquid with characeristic odour Assay 98.5 - 100.5% Density at 20°C 1.05 approx.g/ml	Acidity (C_6H_5COOH) < 1.0% Chlorine < 0.2%		BNZL-00A-500	G	500 ml	307

BENZOIC ACID

MW: 122.12 CAS: 65-85-0 EC: 200-618-2

C_6H_5COOH

BENZOIC ACID AGR			BASICKEM	reference	packaging		price kr
Assay > 99.5% Melt. range 121 - 122°C Subs. dark. by H_2SO_4 Passes test	Cl^- < 0.005% Subst. red. $KMnO_4$ < 0.008% Ash (SO_4) < 0.01%	Fe < 0.0004% SO_4 < 0.003% Heavy metals (Pb) < 0.0005%		BNZA-00A-500	P	500 g	344

BENZYL ALCOHOL

MW: 108,14 CAS: 100-51-6 EC: 202-859-9 EC INDEX: 603-057-00-5

$C_6H_5CH_2OH$

BENZYL ALCOHOL EPR	BASICKEM	reference	packaging		price kr
App. Colourless clear liquid Assay > 99% Density at 20°C 1.043 - 1.050g/ml Colour (Hazen) < 20 Refractive index 1.537 - 1.543 Free ac. (Benz. ac.) < 0.02% Non-Vol. Mat. < 0.05% Ash (SO_4) < 0.1% Water < 0.2% Perox. num. < 5		BNZY-00P-1K0	G	1 L	470

BIURET REAGENT

TARIC code: 38220000

IMDG: 8 III UN 3266 ADR: 8 III UN 3266 (E) IATA: 8 III UN 3266

BIURET REAGENT AGR		BASICKEM	reference	packaging		price kr
For peptides detect. in urine App. Blue Solution	This product was manufactured in accordance with procedure SR-70		BIUR-00A-500	P	500 ml	193

BORIC ACID

MW: 61.84 CAS: 10043-35-3 EC: 233-139-2 EC INDEX: 005-007-00-2

H_3BO_3

BORIC ACID EPR			BASICKEM	reference	packaging		price kr
App. white/crystalline or Colourless powder Assay > 99.0% Insol. matter < 0.02% Insol. (EtOH) Passes test Non-Volat. (MeOH) < 0.2%	Solub. in EtOH Passes test Cl^- < 0.002% PO_4 < 0.003% SO_4 < 0.01% Heavy met. < 0.002%	As < 0.0002% Ca < 0.01% Fe < 0.0001%		BORA-00P-1K0	P	1 kg	168

BORIC ACID AGR			BASICKEM	reference	packaging		price kr
App. Colourless crystals or white powder Assay > 99.5% Insol. matter < 0.01% Insol. (MeOH) Passes test%	Non-Volat. (MeOH) < 0.05% Cl^- < 0.0003% PO_4 < 0.001% SO_4 < 0.005%	Heavy metals (Pb) < 0.001% As < 0.0001% Ca < 0.005% Fe < 0.0001%		BORA-00A-500	P	500 g	158
				BORA-00A-1K0	P	1 kg	204

BORIC ACID, SOLUTION

MW: 61.84 CAS: 10043-35-3 EC: 233-139-2 EC INDEX: 005-007-00-2

H_3BO_3

BORIC ACID, SOLUTION 4% AGR			BASICKEM	reference	packaging		price kr
App. Colourless clear liquid	Concentration 3.9 - 4.1%	Density at 20°C 1.014g/cm³		BORA-40A-5K0	P	5 L	425

BORIC ACID, SOLUTION 4% AGR WITH MIXED INDICATOR			BASICKEM	reference	packaging		price kr
Comp. 40g H_3BO_3 Ind. / L H_2O	pH 4.8 - 5	Colour Green		BORA-4IA-5K0	P	5 L	502

BROMOCRESOL GREEN *SEE P. 414*

BROMOCRESOL PURPLE *SEE P. 414*

BROMOPHENOL BLUE *SEE P. 414*

BROMOTHYMOL BLUE *SEE P. 415*

BROTH BASES FOR MICROBIOLOGICAL CULTURE *SEE P. 47*

BROTHS FOR MICROBIOLOGICAL CULTURE AND MOLECULAR BIOLOGY *SEE P. 45*

BROTHS FOR MOLECULAR BIOLOGY *SEE P. 33*

BUFFERED PEPTONE WATER *SEE P. 46*

1-BUTANOL

MW: 74.12 CAS: 71-36-3 EC: 200-751-6 EC INDEX: 603-004-00-6

IMDG: 3 III UN 1120 ADR: 3 III UN 1120 (D/E) IATA: 3 III UN 1120

$CH_3(CH_2)_3OH$

1-BUTANOL 99,5% AGR			BASICKEM	reference	packaging		price kr
Assay > 99% H_2O < 0.1%	Res. on evap. < 0.003% Acid. (Acetic acid) < 0.0005%	Aldehydes and ket. < 0.03%		BUTL-10A-1K0	G	1 L	320
				BUTL-10A-2K5	G	2,5 L	541
1-BUTANOL HPLC GGR			INSTRUKEM	reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.03% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 230 nm > 65% UV-Tr. (1cm;Wat.) 240 nm > 80% UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 260 nm > 95%	UV-Tr. (1cm;Wat.) 310 nm > 99% Fluorescence (as quinine): F (quin.) 254 nm < 0.0000002% F (quin.) 365 nm < 0.0000002%		BUTL-1GH-2K5	G	2,5 L	1493

N-BUTYL ACETATE

MW: 116.16 CAS: 123-86-4 EC: 204-658-1 EC INDEX: 603-005-00-1

IMDG: 3 III UN 1123 ADR: 3 III UN 1123 (D/E) IATA: 3 III UN 1123

$C_6H_{12}O_2$

N-BUTYL ACETATE 99% EPR			BASICKEM	reference	packaging		price kr
Assay > 98% H_2O < 0.2%	boiling p. 123 - 128ºC Density at 20°C approx. 0.881g/ml	Refr. Ind. (n20°C/D) 1,394 Flash point 22ºC		BUTY-N0T-1K0	G	1 L	212
				BUTY-N0T-2K5	P	2,5 L	506

CALCIUM CARBONATE

MW: 100.09 CAS: 471-34-1 EC: 207-439-9

$CaCO_3$

CALCIUM CARBONATE AGR REAG.PH.EUR.				BASICKEM	reference	packaging		price kr
Ident. (A+B) Complies Assay 98.5 - 100.5% Acid Insol. Mat. < 0.2%	SO_4 < 0.25% Ba Passes test Mg and Alk. salts < 1.5%	Loss on dry. < 2% Mg and alkali metals < 1.5% Cl^- < 0.033%	As < 0.0004% Fe < 0.02% Heavy metals (Pb) < 0.002%		CACB-00A-500	P	500 g	189
					CACB-00A-1K0	P	1 kg	285

CALCIUM CHLORIDE DIHYDRATE

MW: 147.02 CAS: 10035-04-8 EC: 233-140-8 EC INDEX: 017-013-00-2

$CaCl_2 \cdot 2H_2O$

CALCIUM CHLORIDE DIHYDRATE EPR				BASICKEM	reference	packaging		price kr
App. Colourless crystals Assay 99 - 103% pH (5%, 20°C) 4.5 - 8.5	SO_4 < 0.005% F < 0.004% Al < 0.0001%	As < 0.0002% Cu < 0.0025% Fe < 0.001%	Pb < 0.0005% Zn < 0.0025%		CACH-02P-1K0	P	1 kg	233
CALCIUM CHLORIDE DIHYDRATE AGR				BASICKEM	reference	packaging		price kr
App. Colourless cryst. Assay > 99.5%	pH (5%) 4.5 - 8 SO_4 < 0.005%	Al < 0.0001% As < 0.003%	Fe < 0.005% Pb < 0.0005%		CACH-02A-500	P	500 g	174

CALCIUM HYDROXYDE

MW: 74.09 CAS: 1305-62-0 EC: 215-137-3

$Ca(OH)_2$

CALCIUM HYDROXYDE AGR ACS				BASICKEM	reference	packaging		price kr
Assay > 96% $CaCO_3$ < 3% Insol. matter < 0.03% Cu < 0.0005%	Fe < 0.05% Pb < 0.0002% Cl^- < 0.005% SO_4 < 0.05%	Sr < 0.05% Zn < 0.0005% Heavy metals (Pb) < 0.003% Insol. in HCl < 0.03%	Mg < 0.5% K < 0.05% Na < 0.05%		CAHY-90A-500	P	500 g	224

CALCIUM NITRATE TETRAHYDRATE

MW: 236.15 CAS: 13477-34-4 EC: 233-332-1

IMDG: 5.1 III UN 1454 ADR: 5.1 III UN 1454 (E) IATA: 5.1 III UN 1454

$Ca(NO_3)_2 \cdot 4H_2O$

CALCIUM NITRATE TETRAHYDRATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay 99.0 - 103.0% Insol. matter < 0.005% pH (5%, 25°C) 5.0 - 7.0 Cl^- < 0.005% Ba < 0.005%	Fe < 0.002% Heavy metals (Pb) < 0.0005% SO_4 < 0.002% Mg < 0.05% Na < 0.01%	K < 0.005% NO_2 < 0.001% Sr < 0.05%	CANA-04A-500	P	500 g	189
			CANA-04A-1K0	P	1 kg	296

CALCIUM SULFATE DIHYDRATE

MW: 172.17 CAS: 10101-41-4 EC: 231-900-3

$CaSO_4 \cdot 2H_2O$

CALCIUM SULFATE DIHYDRATE AGR ACS				BASICKEM	reference	packaging		price kr
Assay 99.0 - 102.0% Insoluble in HCl < 0.01% CO_3 passes test NO_3 passes test	Free alk. ($Ca(OH)_2$) < 0.01% Free acid. (H_2SO_4) < 0.01% Cl^- < 0.005% Total N < 0.001%	Fe < 0.001% Heavy metals (Pb) < 0.002% K < 0.005% Mg < 0.01%	Na < 0.2% Sr < 0.05%		CASU-02A-500	P	500 g	172

CHARCOAL ACTIVATED

MW: 12.01 CAS: 7440-44-0 EC: 231-153-3

C

CHARCOAL ACTIVATED, GRANULATED 1-4 MM CHEM WD-EXTRA/W AUX			BASICKEM	reference	packaging		price kr
Bulk density 454kg/m³ Mech. Strength 95.9% Attrition 0.2%	Assay moisture 2.1% Methylene number 25ml Iodine number 998mg/g	Water absorption 0.88ml/g pH (H_2O extract) 10.4 Granulation Passes test		CHAR-GWA-1K0	P	1 kg	324
CHARCOAL ACTIVATED, POWDER AUX			BASICKEM	reference	packaging		price kr
Subs. sol. in HCl < 1.0% Loss on dry. (110 °C) < 10.0%	Ca < 0.02% Cu < 0.001%	Fe < 0.02% Melasses number < 380		CHAR-PWA-500	P	500 g	855

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

CHLOROFORM

MW: 119.38 CAS: 67-66-3 EC: 200-663-8 EC INDEX: 602-006-00-4 TARIC code: 29031300 Restriction: Export restrictions

$CHCl_3$

IMDG: 6.1 III UN 1888 ADR: 6.1 III UN 1888 (E) IATA: 6.1 III UN 1888

CHLOROFORM (STABILIZED WITH AMYLENE) EPR	BASICKEM	reference	packaging		price kr
App. colourless clear liquid Assay > 98% Density at 20°C 1,475 - 1,481g/cm³ Stabilizer 0.0045 - 0.005% H_2O < 0.02% Res. on evap. < 0.002% Ionized Cl < 0.0001% Ald. < 0.005% Free chlorine < 0.0001% Fosgen Passes test Metallic imp. Passes test Org. subs. Carb. with H_2SO_4 Passes test Free Ac.andFos.(HCl) < 0.0001%		CHLF-S0T-1K0	G	1 L	291
		CHLF-S0T-5K0	M	5 L	1415
		CHLF-S0T-20K	M	20 L	4468

CHLOROFORM (STABILIZED WITH AMYLENE) AGR	reference	packaging		price kr
App. Colourless/clear liquid Assay > 98.5% Density at 20°C 1.475 - 1.481g/ml Stabilizer 0.0045 - 0.0055% H_2O < 0.015% Res. on evap. < 0.0006% Ionized Cl < 0.00003% Ald. < 0.005% Free chlorine < 0.00005% Fosgen Passes test Metallic imp. Passes test Org. subs. Carb. with H_2SO_4 Passes test Free Ac.andFos.(HCl) < 0.0001%	CHLF-S0A-1K0	G	1 L	304
	CHLF-S0A-2K5	G	2,5 L	815

CITRIC ACID ANHYDROUS

MW: 192.13 CAS: 77-92-9

$(HOOCCH_2)_2C(OH)COOH$

CITRIC ACID ANHYDROUS AGR PH.EUR.	BASICKEM	reference	packaging		price kr
Assay (anhydrous substance) 99.7 - 100.3% Identification Conforms Appearance of solution Passes test Readily carbonisable substances Passes test Oxalic acid ($H_2C_2O_4$) < 100mg/kg Loss on drying < 0.5% Residue on calcination < 0.05% Sulfates (SO_4) < 100mg/kg Residue on roasting (SO_4) < 0.05% Arsenic (As) < 1mg/kg Manufactured by fermentation of carbohydrates containing raw materials like glucose syrupfrom maize as well as molasses and sugar from sugar beet or sugar cane upon a NON-GMO agreement.		CITA-A0A-1K0	P	1 kg	291
		CITA-A0A-5K0	P	5 kg	1185

CITRIC ACID MONOHYDRATE

MW: 210.14 CAS: 5949-29-1 EC: 201-069-1

$C_6H_8O_7 \cdot H_2O$

CITRIC ACID MONOHYDRATE EPR PH.EUR.	BASICKEM	reference	packaging		price kr
Identification Passes test Assay (Acidim,dried basis) 99.5 – 100.5% Appearance of solution Passes test Sulphated ash ≤ 0.05% Oxalic acid ($H_2C_2O_4$) ≤ 0.036% Arsenic (As) ≤ 0.0003% Sulfates (SO_4) ≤ 0.015% Heavy metals (Pb) ≤ 0.001% Subs.darkd.by hot H_2SO_4 Passes test Water (H_2O) 7.5 – 9.0%		CITA-01P-1K0	P	1 kg	351
		CITA-01P-5K0	P	5 kg	1453

CITRIC ACID MONOHYDRATE AGR	BASICKEM	reference	packaging		price kr
Assay 99.5 - 100.5% Res. on roast. < 0.03% Insol. matter < 0.005% React. ag. H_2SO_4 Passes test Cl^- < 0.001% PO_4 < 0.001% Fe < 0.0005% SO_4 < 0.01% Heavy metals (Pb) < 0.0005% Ca < 0.005%		CITA-01A-500	P	500 g	191

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

COBALT (II) CHLORIDE HEXAHYDRATE

MW: 237.93 CAS: 7791-13-1 EC: 231-589-4 EC INDEX: 027-004-00-5

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$CoCl_2 \cdot 6H_2O$

COBALT (II) CHLORIDE HEXAHYDRATE EPR			BASICKEM	reference	packaging		price kr
Assay 98 - 102% App. purple crystals Insol. matter < 0.01%	Alk. metals/Earth met. < 0.2% Heavy metals (Cu) < 0.01% Ni < 0.25%	Fe < 0.005% SO_4 < 0.01% Zn < 0.01%		COCH-06P-1K0	P	1 kg	1667

COBALT (II) CHLORIDE HEXAHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Heavy metals (Cu) < 0.005% Insol. matter < 0.005%	Ash (SO_4) < 0.1% Ni < 0.15% N Comp. (N) < 0.005%	Fe < 0.02% SO_4 < 0.005% Zn < 0.005%		COCH-06A-250	P	250 g	810

COBALT (II) NITRATE HEXAHYDRATE

MW: 291.04 CAS: 10026-22-9 EC: 233-402-1 EC INDEX: 027-009-00-2

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$Co(NO_3)_2 \cdot 6H_2O$

COBALT (II) NITRATE HEXAHYDRATE AGR				BASICKEM	reference	packaging		price kr
Assay > 99% Insol. matter < 0.005% Reaction (pH) > 2.5 Cl^- < 0.005%	NH_4 < 0.05% Ni < 0.05% Fe < 0.001% SO_4 < 0.005%	Ca < 0.005% Cu < 0.001% Mg < 0.005% Na < 0.05%	K < 0.01% Pb < 0.001% Zn < 0.005%		CONA-06A-250	P	250 g	897

CONDUCTIVITY STANDARDS *SEE P. 311*

CONGO RED *SEE P. 415*

COPPER (II) CHLORIDE DIHYDRATE

MW: 170.48 CAS: 10125-13-0 EC: 231-210-2

IMDG: 8 III UN 2802 ADR: 8 III UN 2802 (E) IATA: 8 III UN 2802

$CuCl_2 \cdot 2H_2O$

COPPER (II) CHLORIDE DIHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% pH (5% in dry CO_2) 2.8 - 3.8 Iron (Fe) < 0.007% Nickel (Ni) < 0.005%	Nitrogen (N) compounds < 0.004% Calcium (Ca) < 0.002% Magnesium (Mg) < 0.002% Sulfates (SO_4) < 0.005%	Arsenic (As) < 0.0001% Lead (Pb) < 0.004%		CUCH-02A-100	P	100 g	242

COPPER (II) NITRATE TRIHYDRATE

MW: 241,60 CAS: 10031-43-3 EC: 221-838-5

IMDG: 8 II UN 3260 ADR: 8 II UN 3260 IATA: 8 II UN 3260

$Cu(NO_3)_2 \cdot 3H_2O$

COPPER (II) NITRATE TRIHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99.0% App. Blue crystals Insol. matter < 0.01%	Cl^- < 0.005% Ca, K, Na < 0.15% Fe < 0.02%	SO_4 < 0.01%		CUNA-03A-500	P	500 g	407

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

COPPER SHEET

MW: 65.55 CAS: 7440-50-8 EC: 231-159-6

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Cu

COPPER SHEET 100 X 30 X 0,8 MM GLR	BASICKEM	reference	packaging		price kr
Approx. dim. 100 x 30 x 0.8 mm		CUSH-001-010		10 un.	416

COPPER (II) SULFATE ANHYDRIDE

MW: 159,61 CAS: 7758-98-7 EC: 231-847-6 EC INDEX: 029-004-00-0

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$CuSO_4$

COPPER (II) SULFATE ANHYDRIDE AGR	BASICKEM	reference	packaging		price kr
Assay > 99.0% Cl^- < 0.005% Fe < 0.005%	Loss on dry. (250 °C) < 1.0% Subst. not pptd. by H_2S < 0.2% Insol. matter < 0.01%	N Comp. (N) < 0.002% Pb < 0.01% Other metals (Ni) < 0.01%	CUSU-A0A-250	250 g	257

COPPER (II) SULFATE PENTAHYDRATE

MW: 249.68 CAS: 7758-99-8 EC: 231-847-6 EC INDEX: 029-004-00-0

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$CuSO_4 \cdot 5H_2O$

COPPER (II) SULFATE PENTAHYDRATE EPR	BASICKEM	reference	packaging		price kr
Assay 99.0 - 101.0% Cl^- < 0.01% Pb < 0.005% Loss on dry. (250 °C) 35.0 - 36.5%	K < 0.01% App. of sol. conforms Fe < 0.003% Ca < 0.005%	Ni < 0.005% Na < 0.02%	CUSU-05T-500	500 g	238
			CUSU-05T-1K0	1 kg	423

COPPER (II) SULFATE PENTAHYDRATE AGR ACS	BASICKEM	reference	packaging		price kr
Assay 98.0 - 102.0% Insol. matter < 0.005% Cl^- < 0.001%	N Comp. (N) < 0.002% Ni < 0.005% Fe < 0.003%	Ca < 0.005% Na < 0.02% K < 0.01%	CUSU-05A-500	500 g	225
			CUSU-05A-1K0	1 kg	424

CRESOL RED *SEE P. 415*

CULTURE MEDIA FOR MICROBIOLOGY *SEE P. 45*

CYCLOHEXANE

MW: 84,16 CAS: 110-82-7 EC: 203-806-2 EC INDEX: 601-017-00-1 TARIC code: 29021100 Restriction: Hydrocarbons

IMDG: 3 II UN 1145 ADR: 3 II UN 1145 (D/E) IATA: 3 II UN 1145

C_6H_{12}

CYCLOHEXANE GLR	BASICKEM	reference	packaging		price kr
Assay > 99.9% App. Clear colourless liquid Chlorine < 0.0001%	S comp. < 0.0001% Benzene < 0.01% Arom. Comp. < 0.015%	N Comp. (N) < 0.0001% Non-Vol. Mat. < 0.002%	CYHX-P0P-1K0	1 L	N/A
			CYHX-P0P-5K0	5 L	N/A

CYCLOHEXANE HPLC GGR	INSTRUKEM	reference	packaging		price kr
Assay > 99.5% Water (KF) > 0.01% Acidity > 0.0005meq/g Res. on evap. > 0.0005%	UV-Tr. (1cm;Wat.) 210 nm < 60% UV-Tr. (1cm;Wat.) 220 nm < 80% UV-Tr. (1cm;Wat.) 230 nm < 95% UV-Tr. (1cm;Wat.) 240 nm < 98%	UV-Tr. (1cm;Wat.) 250 nm < 99% F254 nm (Quinine) > 0.0000001% F365 nm (Quinine) > 0.0000001%	CYHX-00H-2K5	2,5 L	N/A
			CYHX-00H-P04	4x2,5 L	N/A

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

CYCLOHEXANONE

MW: 98,15 CAS: 108-94-1 EC: 203-631-1 EC INDEX: 606-010-00-7

IMDG: 3 III UN 1915 ADR: 3 III UN 1915 (D/E) IATA: 3 III UN 1915

$C_6H_{10}O$

CYCLOHEXANONE AGR	BASICKEM	reference	packaging		price kr
App. Clear colourless liquid Assay > 99.5% Density at 20°C 0.945 - 0.947g/ml Refractive index 1.450 - 1.451	H_2O < 0.2% Acid. (Acetic acid) < 0.02% C_6H12</sub < 0.001% Cyclohexanol < 0.2%	Cu < 0.00005% Fe < 0.0001% Pb < 0.00005% Non-Vol. Mat. < 0.02%	CYHN-00A-500	G	500 ml	280

DETERGENTS FOR LABORATORY USE *SEE P. 345*

DICHLOROMETHANE

MW: 84.93 CAS: 75-09-2 EC: 200-838-9 EC INDEX: 602-004-00-3

IMDG: 6.1 III UN 1593 ADR: 6.1 III UN 1593 (E) IATA: 6.1 III UN 1593

CH_2Cl_2

DICHLOROMETHANE (STABILIZED WITH AMYLENE) 99.9% GLR	BASICKEM	reference	packaging		price kr
Assay > 99.95% Colour (Hazen) < 10 H_2O < 0.01%	Acidity (HCl) < 0.0005% Res. on evap. < 0.001% Amylene (Stab.) 0.0040 - 0.0060%	DCHM-P0P-1K0	P COEX	1 L	166
		DCHM-G0P-1K0	G PP28	1 L	171
		DCHM-P0P-5K0	P COEX	5 L	615
		DCHM-P0P-10K	P COEX	10 L	1172
		DCHM-M0P-25K	M	25 L	2676

DICHLOROMETHANE (STABILIZED WITH AMYLENE) AGR	BASICKEM	reference	packaging		price kr
Assay > 99.5% Water (KF) < 0.02%	Free acid (HCl) < 0.001% Colour (Hazen) < 10	Free Halides Passes test Non-Vol. Mat. < 0.001%	DCHM-00A-1K0	G PP28	1 L	269

DICHLOROMETHANE (STABILIZED WITH AMYLENE) AGR ACS, ISO, PH. EUR.	BASICKEM	reference	packaging		price kr
Assay > 99.8% Stabiliz. w/ Amylene Free Acid < 0.001% H_2O < 0.01% Cl^2 < 0.00005% Res. on evap. < 0.002% Ni < 0.000002%	B < 0.000002% Ba < 0.00001% Fe < 0.00001% Al < 0.00005% Ca < 0.00005% Cr < 0.000002% Cu < 0.000002%	Mn < 0.000002% Free chlorine < 0.00002% Co < 0.000002% CCl_4 < 0.01% Mg < 0.00001% Chloroform < 0.01% Formaldehyde < 0.0005%	Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%	DCHM-0IA-1K0	P GL45	1 L	263
				DCHM-0IA-2K5	P GL45	2,5 L	542
				DCHM-0IA-P04	P GL45	4x2,5 L	1806

DICHLOROMETHANE (STABILIZED WITH AMYLENE) HPLC GGR	INSTRUKEM	reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.01% Acidity < 0.0005meq/g Alkalinity < 0.0005%	Non-Vol. Mat. < 0.0005% Stabilizer (amylene) 0.005% Res. on ignition < 0.0002% UV-Tr. (1cm;Wat.) 235 nm > 40%	UV-Tr. (1cm;Wat.) 240 nm > 75% UV-Tr. (1cm;Wat.) 250 nm > 98% UV-Tr. (1cm;Wat.) 260 nm > 99%	DCHM-0GH-2K5	G GL45	2,5 L	1707
			DCHM-0GH-P04	G GL45	4x2,5 L	5690

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

DIETHANOLAMINE

MW: 105.14 CAS: 111-42-2 EC: 203-868-0 EC INDEX: 603-071-00-1

$NH(CH_2CH_2OH)_2$

DIETHANOLAMINE 99% AGR	BASICKEM	reference	packaging		price kr
Assay > 99% H_2O < 0.15% Triethanolamine < 0.3% Colour (Hazen) < 15 Cl^- < 0.001% Ethanolamine < 0.3% Ash (SO_4) < 0.002% Fe < 0.0001% Heavy metals (Pb) < 0.0001%		DETA-00A-500	G GL45	500 ml	216

DIETHYLETHER

MW: 74.12 CAS: 60-29-7 EC: 200-467-2 EC INDEX: 603-022-00-4 TARIC code: 29091100 Restriction: Drugs precursor Cat. 3

IMDG: 3 I UN 1155 ADR: 3 I UN 1155 (D/E) IATA: 3 I UN 1155

$(C_2H_5)_2O$

DIETHYLETHER EPR STABILIZED WITH <0.002% HYDROQUINONE	BASICKEM	reference	packaging		price kr
Assay > 99.5% Non-Vol. Mat. < 0.002% H_2O < 0.2% Peroxides < 0.0002%		DETE-00T-1K0	G GL45	1 L	332
		DETE-00T-2K5	G GL45	2,5 L	684
		DETE-00T-P04	G GL45	4x2,5 L	2280

DIETHYLETHER AGR ACS,ISO, STABILIZED WITH BHT	BASICKEM	reference	packaging		price kr
Assay > 99.5% Non-Vol. Mat. < 0.001% H_2O < 0.03% Free Acid < 0.0002% Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.0000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.0000005% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.0000005% Sn < 0.00001% Zn < 0.0000005% Acetone < 0.005% Aldehydes < 0.00007% Carbonyl comp. < 0.001% EtOH < 0.02% Methanol < 0.02% H_2O_2 < 0.0001% S < 0.00006% Colour (Hazen) < 10 Density at 20°C 0.712 - 0.714g/ml Res. on evap. < 0.001% Subs. dark. by H_2SO_4 Passes test		DETE-0IA-1K0	G GL45	1 L	336
		DETE-0IA-2K5	G GL45	2,5 L	688
		DETE-0IA-P04	G GL45	4x2,5 L	2343
		DETE-0IA-5K0	Al	5 L	1542

DIMETHYL SULFOXIDE

MW: 78.13 CAS: 67-68-5 EC: 200-664-3

$(CH_3)_2SO$

DIMETHYL SULFOXIDE AGR ACS	BASICKEM	reference	packaging		price kr
Assay > 99.9% Non-Vol. Mat. < 0.001% H_2O < 0.1% Free Acid < 0.0002% Fe < 0.0001% Heavy metals (Pb) < 0.0001% Res. on evap. < 0.01% Acidity < 0.001%		DMSO-00A-1K0	G GL45	1 L	816

DIMETHYL SULFOXIDE HPLC GGR	INSTRUKEM	reference	packaging		price kr
UV Absorbance UV-Abs. max. lim. (263 nm) < 1.0 UV-Abs. max. lim. (270 nm) < 0.4 UV-Abs. max. lim. (290 nm) < 0.18 UV-Abs. max. lim. (310 nm) < 0.06 UV-Abs. max. lim. (330 nm) < 0.02 UV-Abs. max. lim. (350 nm) < 0.01 UV Cutoff < 263nm Assay > 99.5% Colour (Hazen) < 10 Water (KF) < 0.05% Res. on evap. < 0.0005% Titr. acid < 0.001ppm		DMSO-0GH-2K5	G GL45	2,5 L	1553
		DMSO-0GH-P04	G GL45	4x2,5 L	5176

N,N-DIMETHYLFORMAMIDE

MW: 73.09 CAS: 68-12-2 EC: 200-679-5 EC INDEX: 616-001-00-X

IMDG: 3 III UN 2265 ADR: 3 III UN 2265 (D/E) IATA: 3 III UN 2265

$(CH_3)_2$ NCHO

N,N-DIMETHYLFORMAMIDE 99.9% GLR	BASICKEM	reference	packaging		price kr
Assay > 99.9% App. Clear liquid Colour (Hazen) < 10 Water < 0.05% Acidity (HCOOH) < 0.001% Alkalinity < 0.001% Methanol < 0.005% Density at 20°C 0.948 - 0.952g/ml		DMFO-P0P-1K0	P CODEX	1 L	186
		DMFO-P0P-5K0	P CODEX	5 L	714
		DMFO-P0P-25K	P	25 L	3168

DIPHENYLAMINE

MW: 169.23 CAS: 122-39-4 EC: 204-539-4 EC INDEX: 612-026-00-5 TARIC code: 29214400 Restriction: Export restrictions

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$(C_6H_5)_2$ NH

DIPHENYLAMINE AGR ACS	BASICKEM	reference	packaging		price kr
Assay > 99% Melt. range 52.5 - 54°C Sensit. to NO_3 < 1:1600000 Insol. in EtOH Passes test NO_3 No reaction Aniline < 0.01% Ash (SO_4) < 0.03% Ni < 0.001% Fe < 0.001% Cu < 0.001% Pb < 0.001%		DIPA-00A-100	G	100 g	213

ELECTRODE MAINTENANCE SOLUTIONS *SEE P. 308*

ERIOCHROME BLACK T *SEE P. 415*

ETHYL ACETATE

MW: 88,10 CAS: 141-78-6 EC: 205-500-4 EC INDEX: 607-022-00-5

IMDG: 3 II UN 1173 ADR: 3 II UN 1173 (D/E) IATA: 3 II UN 1173

$CH_3COOC_2H_5$

ETHYL ACETATE 99.8% GLR	BASICKEM	reference	packaging		price kr
Assay > 99.8% App. Clear liquid H_2O < 0.03% EtOH < 0.05% Acid. (Acetic acid) < 0.005% Density at 20°C 0.900 - 0.903g/ml		ETAC-P0P-1K0	P CODEX	1 L	167
		ETAC-P0P-5K0	P CODEX	5 L	629
		ETAC-P0P-10K	P CODEX	10 L	994
		ETAC-M0P-25K	M	25 L	2230

ETHYL ACETATE AGR ACS ISO PH.EUR.	BASICKEM	reference	packaging		price kr
Assay > 99.5% H_2O < 0.05% Free Acid < 0.005% Methanol < 0.1% Ba < 0.00001% Res. on evap. < 0.002% Ni < 0.000002% B < 0.000002% Fe < 0.00001% Al < 0.00005% Ca < 0.00005% Cr < 0.000002% Cu < 0.000002% EtOH < 0.1% Mn < 0.000002% Co < 0.000002% Mg < 0.00001% Pb < 0.00001% Cd < 0.0000005% Sn < 0.00001% Zn < 0.00001%		ETAC-0IA-1K0	G GL45	1 L	305
		ETAC-0IA-2K5	G GL45	2,5 L	520
		ETAC-0IA-P04	G GL45	4x2,5 L	1794

ETHYL ACETATE HPLC GGR	INSTRUKEM	reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005meq/q Non-Vol. Mat. < 0.0005meq/g UV-Abs. max. lim. (270 nm) < 0.025 UV-Abs. max. lim. (260 nm) < 0.15 UV Cutoff < 255 UV-Abs. max. limit (255 nm) < 1.00		ETAC-0GH-2K5	G GL45	2,5 L	665
		ETAC-0GH-P04	G GL45	4x2,5 L	2218

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

ETHYLENE GLYCOL

MW: 62.07 CAS: 107-21-1 EC: 203-473-3 EC INDEX: 603-027-00-1

$HOCH_2CH_2OH$

ETHYLENE GLYCOL 99% GLR	BASICKEM	reference	packaging		price kr
Assay > 99% App. Clear liquid Colour (Hazen) < 10 Acid. (Acetic acid) < 0.005% Density at 20°C 1.113 - 1.115g/ml Boiling range 190 - 208°C		ETGL-P0P-1K0	P	1 L	134
		ETGL-P0P-5K0	P	5 L	453
		ETGL-M0P-25K	M	25 L	1572

ETHYLENE GLYCOL AGR	BASICKEM	reference	packaging		price kr
Assay > 99% App. colourless liquid H_2O < 0.2% Acid. (Acetic acid) < 0.001% Cl^- < 0.0005% Density at 20°C 1.113 - 1.115g/ml Res. on ignition < 0.005% SO_4 < 0.002% Fe < 0.00005% Heavy metals (Pb) < 0.0001%		ETGL-00A-1K0	G	1 L	282

ETHYLENEDIAMINETETRAACETIC ACID (EDTA)

MW: 292.24 CAS: 60-00-4 EC: 200-449-4

$C_{10}H_{16}N_2O_8$

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) AGR	BASICKEM	reference	packaging		price kr
Assay > 98% App. white/crystal. powder Ash (SO_4) < 0.1% Cl^- < 0.005% Ni < 0.001% Fe < 0.001% Ca < 0.002% Cu < 0.001% Mg < 0.0005% Pb < 0.001%		EDTA-00A-1K0	P	1 kg	504

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT DIHYDRATE

MW: 372.24 CAS: 6381-92-6 EC: 205-358-3

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT DIHYDRATE AGR	BASICKEM	reference	packaging		price kr
Assay 99 - 101% pH (5%) 4 - 5 Insol. matter < 0.005% CN < 0.001% Cl^- < 0.01% Nitrilotriacetic acid < 0.05% H_2O 9 - 10% SO_4 < 0.02% Fe < 0.0005% Heavy metals (Pb) < 0.001%		EDTA-01A-500	P	500 g	465

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT, VOLUMETRIC SOLUTIONS

MW: 372.24 CAS: 6381-92-6 EC: 205-358-3

$C_{10}H_{14}N_2Na_2O_8$

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICKEM	reference	packaging		price kr
Concentration (M) 0.0996 - 0.1004M Concentration (N) 0.1992 - 0.2008N Tolerance (M) 0.0004M Tolerance (N) 0.0008N		EDTA-01V-1K0	P	1 L	174

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FEHLING A REAGENT

IMDG: 9 III UN 3082 ADR: 9 III UN 3082 IATA: 9 III UN 3082

FEHLING A REAGENT AGR	BASICKEM	reference	packaging		price kr
App. blue liquid Density at 20°C approx. 1,08 $CuSO_4.5H_2O$ 6 - 7.5% Lane and Eynon modification Mix with Fehling's Solution B in equal volumes before use. Fehling's solution prepared in accordance with a specification approved by the British Sugar Corporation Reducing sugars give a red precipitate.		FEHL-A0A-1K0	P	1 L	269

FEHLING B REAGENT

IMDG: 8 II UN 1719 ADR: 8 II UN 1719 (E) IATA: 8 II UN 1719

FEHLING B REAGENT AGR		BASICKEM	reference	packaging		price kr
App. Colourless clear liquid Density at 20°C approx 1.25g/ml $C_4H_4KNaO_6.4H_2O$ 33.0 - 36.0% NaOH 9.0 - 11.0% Lane and Eynon modification	Mix with Fehling's Solution A in equal volumes before use. Fehling's solution prepared in accordance with a specific. approved by the British Sugar Corporation Reducing sugars give a red precipitate.		FEHL-B0A-1K0	P	1 L	441

FORMALDEHYDE FOR HISTOLOGY *SEE P. 53*

FORMALDEHYDE, CONCENTRATED SOLUTION STABILIZED WITH METHANOL

MW: 30.03 CAS: 50-00-0 EC: 200-001-8 EC INDEX: 603-001-00-X

IMDG: 8 III UN 2209 ADR: 8 III UN 2209 (E) IATA: 8 III UN 2209

CH_2O

FORMALDEHYDE, SOLUTION 35-40% GLR		BASICKEM	reference	packaging		price kr
Assay 35 - 40%	App. colourless and clear	Content of MeOH 10 - 15% w/v	FORM-C0P-5K0	P	5 L	300

FORMALDEHYDE, SOLUTION 37% EPR			BASICKEM	reference	packaging		price kr
Assay 36 - 38% App. Colourless. clear liq. Org. Ac. (HCOOH) < 0.05% Cl^- < 0.0005%	Stabiliz. w/ MeoH Ash (SO_4) < 0.005% Density at 20°C 1.07 - 1.09g/ml SO_4 < 0.005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005%		FORM-00T-1K0	G PP28	1 L	150
				FORM-00T-2K5	P	2,5 L	284
				FORM-00T-5K0	P	5 L	532
				FORM-00T-20K	P	20 L	1740

FORMALDEHYDE, SOLUTION 40% AGR			BASICKEM	reference	packaging		price kr
Assay 37 - 41% Appearance Clear colourless liquid Iron (Fe) < 0.0001%</br>Organic acids	(HCOOH) < 0.03% Chloride (Cl^-) < 0.0001% Residue on roasting < 0.002%	Density at 20°C 1.081 - 1.092g/ml Sulfates (SO_4) < 0.002% Heavy metals Passes test		FORM-00A-1K0	G PP28	1 L	254

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

FORMIC ACID

MW: 46.03 CAS: 64-18-6 EC: 200-579-1

HCOOH

IMDG: 8 (3) II UN 1779 ADR: 8 (3) II UN 1779 (D/E) IATA: 8 (3) II UN 1779

FORMIC ACID 98% AGR ACS				BASICKEM	reference	packaging		price kr
Assay > 99% Non-Vol. Mat. < 0.001% NH_4 < 0.001% Ag < 0.000002% Ba < 0.000002% Al < 0.000005% Be < 0.000002% Bi < 0.00001% Ca < 0.00002% Cd < 0.000005%	Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.0002% Ge < 0.000005% K < 0.00001% Li < 0.000002% Mg < 0.00005% Mn < 0.000005% Mo < 0.000002%	Na < 0.00005% Ni < 0.000005% Pb < 0.000002% Sr < 0.000002% Ti < 0.00001% Tl < 0.000005% V < 0.000005% Zn < 0.000005% Zr < 0.00001% Cl^- < 0.0005%	Oxalate < 0.005% SO_4 < 0.0005% SO_3 < 0.001% Acetic acid < 0.005% Colour (Hazen) < 10 Res. on evap. < 0.003% Heavy metals (Pb) < 0.001%		FORA-A0A-1K0	P GL45	1 L	338

D(-)-FRUCTOSE

MW: 180.16 CAS: 57-48-7 EC: 200-333-3

$C_6H_{12}O_6$

D(-)-FRUCTOSE EPR				BASICKEM	reference	packaging		price kr
App. White powder or crystals Identity Passes test App. and col. of solution Passes test	H_2O < 0.5% Acidity Passes test Ash (SO_4) < 0.1% Specific opt. rot. 91 - 93.5°	Cl^- < 0.005% SO_4 < 0.005% As < 0.0001% Ba Passes test	Pb < 0.00005%		FRUC-00T-500	P	500 g	301
D(-)-FRUCTOSE AGR				**BASICKEM**	**reference**	**packaging**		**price kr**
App. white crystalline powder Assay > 99% Spec. Rot. (20°C;10%H_2O) -93.5 - -91°	Insol. matter < 0.005% Loss on dry. < 0.5% Cl^- < 0.002% D(+)Glucose < 0.1%	Ash (SO_4) < 0.05% SO_4 < 0.002% Fe < 0.0001% Cu < 0.0001%	As < 0.00005% Pb < 0.00002% Cd < 0.0001% Zn < 0.0005%		FRUC-00A-250	P	250 g	217

D(+)-GLUCOSE ANHYDROUS

MW: 180,16 CAS: 50-99-7 EC: 200-075-1

$C_6H_{12}O_6$

D(+)-GLUCOSE ANHYDROUS EPR			BASICKEM	reference	packaging		price kr
App. Colourless cryst. or white powder Insol. matter < 0.01% Spec. Rot. (20°C;10%H_2O) 52.5 - 53.3° Loss on dry. (105 °C) < 0.5%	Cl^- < 0.01% Acid. (Acetic acid) < 0.05% Ash (SO_4) < 0.05% SO_4 < 0.01%	Fe < 0.001% As < 0.0004% Pb < 0.001%		GLUC-A0T-500	P	500 g	149
				GLUC-A0T-1K0	P	1 kg	270

D(+)-GLUCOSE ANHYDROUS FOR CULTURE MEDIA *SEE P. 47*

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GLYCEROL

MW: 92.09 CAS: 56-81-5 EC: 200-289-5

$(HOCH_2)_2CHOH$

GLYCEROL (VEGETAL ORIGIN) USP GLR	BASICKEM	reference	packaging		price kr
Assay > 99% App. Clear liquid Colour (Hazen) < 10 Water < 1% Cl^- < 0.001% Specific gravity > 1.249g/cm³ Fat. ac. and esters < 0.01meq/g Refractive index > 1.47 Chlorinated comp < 0.003% Heavy metals (Pb) < 0.0005% Aldehydes < 0.001%		GLIO-P0P-1K0	P	1 L	188
		GLIO-P0P-5K0	P	5 L	772
		GLIO-P0P-10K	P	10 L	1511
		GLIO-M0P-25K	M	25 L	2110

GLYCEROL 99% AGR	BASICKEM	reference	packaging		price kr
Assay > 99% H_2O < 1% Colour (Hazen) < 10 Acidity < 0.05meq/g Alkalinity < 0.03meq/g Ash (SO_4) < 0.005% NH_4 < 0.0005% As < 0.0001% Heavy metals (Pb) < 0.0001% Fe < 0.0001% Cl^- < 0.0001% SO_4 < 0.0005% R.C.S. Passes test Fat. ac. and esters < 0.05% Glyceraldehyde < 0.003%		GLIO-00A-1K0	P GL45	1 L	366

GLYCINE

MW: 75.06 CAS: 56-40-6 EC: 200-272-2

H_2NCH_2COOH

GLYCINE AGR	BASICKEM	reference	packaging		price kr
Appearance White, light yellow or brown crystalline powder App. 10% sol. passes test Assay 98.5 - 101% Cl^- < 0.001% SO_4 < 0.005% Buffering substance For biochemistry, bacteriology and tissue culture. buffering substance		GLIC-00A-500	P	500 g	515

HEPTANE

MW: 100.21 CAS: 142-82-5 EC: 921-510-4 EC INDEX: 601-008-00-2 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1206 ADR: 3 II UN 1206 (D/E) IATA: 3 II UN 1206

C_7H_{16}

N-HEPTANE 99% HPLC GGR	INSTRUKEM	reference	packaging		price kr
Assay > 99.0% Water (KF) < 0.02% Colour (Hazen) < 10 Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 210 nm > 40% UV-Tr. (1cm;Wat.) 220 nm > 80% UV-Tr. (1cm;Wat.) 230 nm > 93% UV-Tr. (1cm;Wat.) 240 nm > 97% UV-Tr. (1cm;Wat.) 250 nm > 98%		HPTN-9GH-2K5	G GL45	2,5 L	N/A
		HPTN-9GH-P04	G GL45	4x2,5 L	N/A

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MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

HEPTANE, ISOMER MIX

MW: 100.21 EC: 927-510-4 TARIC code: 27101225 Restriction: Hydrocarbons

IMDG: 3 II UN 1206 ADR: 3 II UN 1206 (D/E) IATA: 3 II UN 1206

C_7H_{16}

N-HEPTANE 95% (ISÓMEROS) GLR — BASICKEM

App. Clear colourless liquid
colour (Saybolt) > 30
Density at 15 °C 0.69 - 0.698g/ml
Boiling range 90 - 100°C
Assay (V/V) > 95%
Arom. Comp. (v/v) < 0.005%
Benzene < 0.001%
S < 0.0001%
Cu corros. (ASTM D130) < 1

reference	packaging		price kr
HPTN-P0P-1K0	P CORK	1 L	N/A
HPTN-G0P-1K0	G PP28	1 L	N/A
HPTN-P0P-5K0	P CORK	5 L	N/A
HPTN-M0P-25K	M	25 L	N/A

HEXANE

MW: 86.18 CAS: 110-54-3 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C_6H_{14}

N-HEXANE 95% AGR ACS PH.EUR. — BASICKEM

Assay (C_6H_{14}) > 95%
H_2O < 0.01%
Free Acid < 0.002%
Res. on evap. < 0.001%
Ni < 0.000002%
B < 0.000002%
Ba < 0.00001%
Fe < 0.00001%
Al < 0.00005%
Ca < 0.00005%
Arom. Comp. < 0.01%
Cr < 0.0000002%
Cu < 0.000002%
Mn < 0.000002%
S comp. < 0.005%
Thiophene < 0.005%
Co < 0.0000002%
Mg < 0.00001%
Pb < 0.00001%
Cd < 0.0000005%
Sn < 0.00001%
Zn < 0.00001%

reference	packaging		price kr
HXAN-50A-2K5	G GL45	2,5 L	N/A
HXAN-50A-P04	G GL45	4x2,5 L	N/A

N-HEXANE 95% HPLC GGR — INSTRUKEM

Assay > 95.0%
Water (KF) < 0.01%
Colour (Hazen) < 10
Acidity < 0.0003meq/g
Res. on evap. < 0.0003%
UV-Abs. max. lim. (195 nm) < 1.00
UV-Abs. max. lim. (210 nm) < 0.25
UV-abs. max. lim. (220 nm) < 0.075
UV-Abs. max. lim. (254 nm) < 0.005
UV Cutoff < 195nm

reference	packaging		price kr
HXAN-5GH-2K5	G GL45	2,5 L	N/A
HXAN-5GH-P04	G GL45	4x2,5 L	N/A

N-HEXANE 95% PESTICIDE GRADE PGR — INSTRUKEM

Assay > 95%
Water (KF) < 0.02%
Colour (Hazen) < 10
Acidity < 0.0005meq/g
Res. on evap. < 0.0005%

reference	packaging		price kr
HXAN-5GC-2K5	G GL45	2,5 L	N/A
HXAN-5GC-P04	G GL45	4x2,5 L	N/A

N-HEXANE 99% AGR ACS PH.EUR. — BASICKEM

Assay > 99%
H_2O < 0.01%
Free Acid < 0.002%
Ni < 0.000002%
B < 0.000002%
Ba < 0.00001%
Res. on evap. < 0.001%
Fe < 0.00001%
Al < 0.00005%
Ca < 0.00005%
Arom. Comp. < 0.01%
Cr < 0.0000002%
Cu < 0.000002%
Mn < 0.000002%
S comp. < 0.005%
Thiophene < 0.005%
Co < 0.0000002%
Mg < 0.00001%
Pb < 0.00001%
Cd < 0.0000005%
Sn < 0.00001%
Zn < 0.00001%

reference	packaging		price kr
HXAN-90A-1K0	G GL45	1 L	N/A
HXAN-90A-2K5	G GL45	2,5 L	N/A
HXAN-90A-P04	G GL45	4x2,5 L	N/A

HEXANE, ISOMER MIX

MW: 86.18 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C_6H_{14}

N-HEXANE 95% (ISOMERS) GLR — BASICKEM

Assay (V/V) > 96%	S < 0.0001%
App. Clear colourless liquid	Cu corros. (ASTM D130) < 1
Arom. Comp. (v/v) < 0.005%	Density at 15 °C 0.665 - 0.679g/ml
Benzene < 0.001%	Boiling range 62.5 - 70°C
colour (Saybolt) > 30	Non-Vol. Mat. < 5 mg/100ml

reference	packaging		price kr
HXAN-P0P-1K0	P CODEX	1 L	N/A
HXAN-G0P-1K0	G PP28	1 L	N/A
HXAN-P0P-5K0	P CODEX	5 L	N/A
HXAN-P0P-10K	P CODEX	10 L	N/A
HXAN-M0P-25K	M	25 L	N/A

N-HEXANE (ISOMERS) HPLC GGR — INSTRUKEM

Assay (Isomer mix) > 99%	UV-Tr. (1cm;Wat.) 210 nm > 60%
C_6H_{14} Isomer Mix > 99%	UV-Tr. (1cm;Wat.) 220 nm > 80%
Water (KF) < 0.01%	UV-Tr. (1cm;Wat.) 230 nm > 95%
Acidity < 0.0005meq/g	UV-Tr. (1cm;Wat.) 240 nm > 98%
Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 250 nm > 99%

reference	packaging		price kr
HXAN-IGH-2K5	G GL45	2,5 L	N/A
HXAN-IGH-P04	G GL45	4x2,5 L	N/A

HYDROCHLORIC ACID

MW: 36.46 CAS: 7647-01-0 EC: 231-595-7 EC INDEX: 017-002-01-X TARIC code: 28061000 Restriction: Drugs precursor Cat. 3

IMDG: 8 II UN 1789 ADR: 8 II UN 1789 (E) IATA: 8 II UN 1789

HCl

HYDROCHLORIC ACID 25% AGR — BASICKEM

Assay 24 - 26%	SO_4 < 0.0002%	Heavy metals (Pb) < 0.0001%
Density approx. > 1.124	SO_3 < 0.0005%	As < 0.000005%
Ash (SO_4) < 0.001%	Free chlorine < 0.0001%	Fe < 0.0001%

reference	packaging		price kr
CHAC-25A-1K0	G PP28	1 L	140

HYDROCHLORIC ACID 32% GLR — BASICKEM

Assay 30 - 33%	Density at 20°C 1.1494 - 1.1645g/ml

reference	packaging		price kr
CHAC-32P-1K0	G PP28	1 L	93

HYDROCHLORIC ACID 35-38% EPR — BASICKEM

Assay 35 - 38%	SO_4 < 0.0005	Heavy metals (Pb) < 0.0002
Density at 20°C 1,174 - 1,189g/ml	SO_3 < 0.001	As < 0.00001
Ash (SO_4) < 0.002	Free chlorine < 0.0002	Fe < 0.0003

reference	packaging		price kr
CHAC-00T-1K0	G PP28	1 L	174
CHAC-00T-2K5	P	2,5 L	364

HYDROCHLORIC ACID 35-38% AGR — BASICKEM

Assay 35 - 38%	Heavy metals (Pb) < 0.0001%	Mn < 0.00005%
Density at 20°C 1.174 - 1.189g/ml	Al < 0.0001%	Ni < 0.00005%
Ash (SO_4) < 0.001%	As < 0.000005%	Pb < 0.00005%
SO_4 < 0.0002%	Cu < 0.00005%	Zn < 0.00005%
SO_3 < 0.0005%	Fe < 0.0001%	
Free chlorine < 0.0001%	Mg < 0.00005%	

reference	packaging		price kr
CHAC-00A-1K0	G PP28	1 L	181
CHAC-00A-2K5	P	2,5 L	388

HYDROCHLORIC ACID 37% AGR ISO — BASICKEM

Assay 36.5 - 38%	Cd < 0.000001%	Pb < 0.000005%	Free chlorine < 0.00005%
Res. on ignition < 0.0005%	Cu < 0.000005%	Zn < 0.0001%	SO_3 < 0.0002%
As < 0.000005%	Fe < 0.00005%	NH_4 < 0.0003%	SO_4 < 0.0001%

reference	packaging		price kr
CHAC-0IA-1K0	G GL45	1 L	213
CHAC-0IA-2K5	G GL45	2,5 L	348
CHAC-0IA-P04	G GL45	4x2,5 L	1204

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

HYDROCHLORIC ACID 34-37% TGR FOR TRACE ANALYSIS (PPB)				INSTRUKEM	reference	packaging		price kr
Assay 34 - 37% Use within 15 months of opening, up to unopened expiration date Al < 0.0000001% Sb < 0.00000005% As < 0.00000005% Ba < 0.000000001% Be < 0.000000001% Bi < 0.00000001%	B < 0.0000001% Cd < 0.000000001% Ca < 0.0000001% Ce < 0.000000001% Cs < 0.000000001% Cr < 0.00000005% Co < 0.000000001% Cu < 0.000000005% Dy < 0.000000001% Fe < 0.0000001%	Pb < 0.000000001% Li < 0.000000001% Mg < 0.000000005% Mn < 0.000000001% Hg < 0.000000001% Mo < 0.000000001% Ni < 0.000000005% Pd < 0.000000005% Pt < 0.000000005% Rh < 0.000000001%	Ag < 0.0000001% Na < 0.0000001% Sr < 0.000000001% Sn < 0.000000005% W < 0.000000001% Zn < 0.0000001% Br < 0.001% P < 0.000001% S < 0.00003% Free chlorine < 0.00005%		CHAC-TGR-2K5	P GL45	2,5 L	3208

HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS

MW: 36.46 CAS: 7647-01-0 EC: 231-595-7 EC INDEX: 017-002-01-X TARIC code: 28061000 Restriction: Drugs precursor Cat. 3

IMDG: 8 II UN 1789 ADR: 8 II UN 1789 (E) IATA: 8 II UN 1789

HCl

HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 0.1 M (0.1 N) VSA			BASICKEM	reference	packaging		price kr
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N		Tolerance (M) 0.0001M Tolerance (N) 0.0001N		CHAC-01V-1K0	P	1 L	165
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 0.25 M (0.25 N) VSA			**BASICKEM**	reference	packaging		price kr
Concentration (M) 0.249 - 0.251M Concentration (N) 0.249 - 0.251N		Tolerance (M) 0.001M Tolerance (N) 0.001N		CHAC-25V-1K0	P	1 L	226
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 0.5 M (0.5 N) VSA			**BASICKEM**	reference	packaging		price kr
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.4995 - 0.5005N		Tolerance (M) 0.0005M Tolerance (N) 0.0005N		CHAC-05V-1K0	P	1 L	131
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 1.0 M (1.0 N) VSA			**BASICKEM**	reference	packaging		price kr
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N		Tolerance (M) 0.001M Tolerance (N) 0.001N		CHAC-1V0-1K0	P	1 L	133
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 2.0 M (2.0 N) VSA			**BASICKEM**	reference	packaging		price kr
Concentration (M) 1.998 - 2.002M Concentration (N) 1.998 - 2.002N		Tolerance (M) 0.002M Tolerance (N) 0.002N		CHAC-2V0-1K0	P	1 L	167
HYDROCHLORIC ACID, CONCENTRATED TO 1 L SOLUTION 0.1 M (0.1 N) VSA			**BASICKEM**	reference	packaging		price kr
Conentration after dilution to 1L (20°C) (M) 0.0998 - 0.1002M Conentration after dilution to 1L (20°C) (N) 0.0998 - 0.1002N				CHAC-01C-1K0	P	1 amp.	135
HYDROCHLORIC ACID, CONCENTRATED TO 1 L SOLUTION 1 M (1 N) VSA			**BASICKEM**	reference	packaging		price kr
Conentration after dilution to 1L (20°C) (M) 0.998 - 1.002M Conentration after dilution to 1L (20°C) (N) 0.998 - 1.002N				CHAC-1C0-1K0	P	1 amp.	155

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

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HYDROFLUORIC ACID

MW: 20.01 CAS: 7664-39-3 EC: 231-634-8 EC INDEX: 009-003-00-1 TARIC code: 28111100 Restriction: Double use - Ministry of Defence (EU)

IMDG: 8 (6.1) II UN 1790 ADR: 8 (6.1) II UN 1790 (E) IATA: 8 (6.1) II UN 1790

HF

HYDROFLUORIC ACID 40% AGR				BASICKEM	reference	packaging		price kr
Assay 38 - 40% H_2SiF_6 < 0.1%	Cl^- < 0.001% SO_4 < 0.001%	SO_3 < 0.005% Fe < 0.0005%	Pb < 0.0005%		FLAC-00A-1K0	P	1 L	620

HYDROFLUORIC ACID 48% AGR ISO				BASICKEM	reference	packaging		price kr
Assay > 48% SiF_6 < 0.005% SO_3 < 0.0002% Colour (Hazen) < 10 Cl^- < 0.0001% Be < 0.000002% PO_4 < 0.00005% Bi < 0.00001% SO_4 < 0.0002%	Ni < 0.000002% Ba < 0.00001% Fe < 0.00002% Al < 0.000005% Ash (SO_4) < 0.0005% Ca < 0.00005% Cr < 0.000002% Cu < 0.000002% Mn < 0.000005%	Co < 0.000002% Mg < 0.00002% Li < 0.000002% Na < 0.00002% K < 0.00001% Mo < 0.000005% Ge < 0.000005% Pb < 0.000005% Cd < 0.000001%	Sr < 0.000002% Ag < 0.000002% Ti < 0.00001% Tl < 0.000005% V < 0.000005% Zn < 0.000005% Zr < 0.00001%		FLAC-80A-1K0	P GL45	1 L	483

HYDROGEN PEROXIDE 30%

MW: 34,01 CAS: 7722-84-1 EC: 231-765-0 EC INDEX: 008-003-00-9 TARIC code: 28470000 Restriction: Explosives precursor

IMDG: 5.1 (8) II UN 2014 ADR: 5.1 (8) II UN 2014 (E) IATA: 5.1 (8) II UN 2014

H_2O_2

HYDROGEN PEROXIDE 30% (V/V) EPR			BASICKEM	reference	packaging		price kr
App. Clear colourless liquid Assay 29 - 31% Free acids (H_2SO_4) < 0.01% Res. on evap. < 0.01%	Cl^- < 0.001% PO_4 < 0.003% SO_4 < 0.001% Heavy met. < 0.00005%	Total N < 0.005% As < 0.00005% Fe < 0.00005%		HYPE-30P-1K0	P	1 L	135

HYDROGEN PEROXIDE 30% (V/V) AGR			BASICKEM	reference	packaging		price kr
Assay 29 - 31% Free acids (H_2SO_4) < 0.001% Phosphorous(P) < 0.0001% Bi < 0.000005% Cl^- < 0.0001% Ni < 0.00001%	B < 0.0000001% SO_4 < 0.0001% Fe < 0.00001% Al < 0.000001% Silver (Ag) < 0.00001% Cu < 0.00001%	Si < 0.001% Mn < 0.00001% Co < 0.00001% Pb < 0.00001% Sn < 0.00001%		HYPE-30A-500	P	500 ml	153
				HYPE-30A-1K0	P	1 L	269

INDICATORS FOR TITRATIONS *SEE P. 414*

INDIGO CARMINE *SEE P. 415*

INGREDIENTS FOR MICROBIOLOGICAL CULTURE *SEE P. 45*

IODINE RESUBLIMED

MW: 253,8 CAS: 7553-56-2 EC: 231-442-4 EC INDEX: 053-001-00-3

IMDG: 8 (6.1) III UN 3495 ADR: 8 (6.1) III UN 3495 (E) IATA: 8 (6.1) III UN 3495

I_2

IODINE RESUBLIMED AGR		BASICKEM	reference	packaging		price kr
Assay > 99.8% App. Dark violet granules	Cl^- and Br^- (Cl) < 0.005% Res. on evap. < 0.01%		IODI-R0A-100	G	100 g	752
			IODI-R0A-250	G	250 g	1671

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

IODINE, VOLUMETIC SOLUTIONS

MW: 253.81 CAS: 7553-56-2 EC: 231-442-4 EC INDEX: 053-001-00-3

I_2

IODINE 0.05 M (0.1 N) VOLUMETRIC SOLUTION VSA	BASICKEM	reference	packaging		price kr
Composition 12.69g I2 Concentration (M) 0.0499 - 0.0501M Concentration (N) 0.0998 - 0.1002N Tolerance (M) 0.0001M Tolerance (N) 0.0002N Values measured at the moment of production. For titrations, calibrate before use.		IODI-01V-1K0	G GL45	1 L	437

IRON (III) CHLORIDE ANHYDROUS

MW: 162.21 CAS: 7705-08-0 EC: 231-729-4

IMDG: 8 III UN 1773 ADR: 8 III UN 1773 (E) IATA: 8 III UN 1773

$FeCl_3$

IRON (III) CHLORIDE ANHYDROUS EPR	BASICKEM	reference	packaging		price kr
Assay > 98% Melt. range 305°C		IRCH-A0T-500	P	500 g	172

IRON (III) CHLORIDE HEXAHYDRATE

MW: 270,33 CAS: 10025-77-1 EC: 231-729-4

IMDG: 8 III UN 3260 ADR: 8 III UN 3260 (E) IATA: 8 III UN 3260

$FeCl_3 \cdot 6H_2O$

IRON (III) CHLORIDE HEXAHYDRATE AGR ACS, PH.EUR.	BASICKEM	reference	packaging		price kr
Assay 99 - 102% App. Yellowish lumps Insol. matter < 0.01% Fe (II) < 0.002% NO_3 < 0.01% PO_4 < 0.01% Ca < 0.01% Cu < 0.003% SO_4 < 0.01% Mg < 0.005% Na < 0.05% Zn < 0.003%		IRCH-06A-500	P	500 g	244

IRON METAL, POWDER

MW: 55.84 CAS: 7439-89-6 EC: 231-096-4

Fe

IRON METAL, POWDER, 0.045-0.106 MM GLR	BASICKEM	reference	packaging		price kr
Assay > 95% Granul. (150 µm)% Granul. (106 µm) < 1% Granul. (75 µm) < 10% Granul. (45 µm) 15 - 65% Carbon < 0.6% Fe > 0.95% Type analysis		IRON-001-500	P	500 g	204

IRON (III) NITRATE NONAHYDRATE

MW: 404,00 CAS: 7782-61-8 EC: 233-899-5

IMDG: 5.1 III UN 1466 ADR: 5.1 III UN 1466 (E) IATA: 5.1 III UN 1466

$Fe(NO_3)_3 \cdot 9H_2O$

IRON (III) NITRATE NONAHYDRATE AGR ACS	BASICKEM	reference	packaging		price kr
Appearance/colour Assay (titr.by $Na_2S_2O_3$) 98.0 - 101.0% Infrared spectr. passes test Ins. mat. (10%, dil. HNO_3) < 0.005% Cl^- < 0.0005% SO_4 < 0.01% Ca < 0.01% Mg < 0.005% K < 0.005% Na < 0.05% Subs. not pptd. by (NH_4) sol. (SO_4) < 0.1%		IRNA-09A-500	P	500 g	451

IRON (III) OXIDE RED

MW: 159.69 CAS: 1309-37-1 EC: 215-168-2

Fe_2O_3

IRON (III) OXIDE RED EPR	BASICKEM	reference	packaging		price kr
Assay 95 - 98% Loss on ign. < 0.5% H_2O solubility < 1% PO_4 < 0.3% Mn < 0.25% SO_4 < 0.5%		IROX-00T-500	P	500 g	296

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

IRON (II) SULFATE HEPTAHYDRATE

MW: 278,02 CAS: 7782-63-0 EC: 231-753-5

$FeSO_4 \cdot 7H_2O$

IRON (II) SULFATE HEPTAHYDRATE EPR			BASICKEM	reference	packaging		price kr
Assay 98.5 - 104.5% pH (5%) 3 - 4 Fe (III) salts (Fe) < 0.2% Cl^- < 0.01%	Heavy metals (Pb) < 0.005% Cu < 0.005% Mn < 0.1% As < 0.0002%	Pb < 0.001% Hg < 0.0003% Zn < 0.05%		IRSU-07T-500	P	500 g	115

IRON (II) SULFATE HEPTAHYDRATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 99.5% App. Green crystalline powder pH (5%) 3 - 4 Cl^- < 0.001% Fe (III) < 0.1% PO_4 < 0.001%	Org. vol. imp. excl. Passes test Ni < 0.005% Cu < 0.005% Cr < 0.005% Subst. not pptd. by NH_4 < 0.1% Mn < 0.05%	Mg < 0.002% Na < 0.02% K < 0.002% Zn < 0.005% Ca < 0.005%		IRSU-07A-500	P	500 g	180

IRON (III) SULFATE HYDRATED

MW: 399.88 CAS: 15244-10-7 EC: 233-072-9

$Fe_2(SO_4)_3 \cdot 3H_2O$

IRON (III) SULFATE HYDRATED EPR			BASICKEM	reference	packaging		price kr
App. Greyish-whito to yellowish powder Assay > 20%	Cu < 0.01% Fe (II) < 0.1%	Cl^- < 0.03% NO_3 < 0.05%		IRSU-01T-500	P	500 g	246

ISOOCTANE

MW: 114.23 CAS: 540-84-1 EC: 208-759-1 EC INDEX: 601-009-00-8 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1262 ADR: 3 II UN 1262 (D/E) IATA: 3 II UN 1262

C_8H_{18}

ISOOCTANE AGR ACS, PH.EUR.				BASICKEM	reference	packaging		price kr
Assay (C_8H_{18}) > 99.5% H_2O < 0.01% Free Acid < 0.0005% S < 0.005% Res. on evap. < 0.001%	Ni < 0.000002% B < 0.000002% Ba < 0.00001% Fe < 0.00001% Al < 0.00005%	Ca < 0.00005% Cr < 0.000002% Cu < 0.000002% Mn < 0.000002% Co < 0.000002%	Mg < 0.00001% Pb < 0.00001% Cd < 0.0000005% Sn < 0.00001% Zn < 0.00001%		ISCT-00A-1K0	G GL45	1 L	N/A

ISOOCTANE HPLC GGR			INSTRUKEM	reference	packaging		price kr
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 UV-Abs. max. lim. (225 nm) < 0.10	UV-Abs. max. lim. (254 nm) < 0.014 UV Cutoff < 205nm Assay (C_8H_{18}) > 99.0% Colour (Hazen) < 10	Water (KF) < 0.02% Res. on evap. < 0.0004% Wat. sol. titr. acid < 0.0003mEq/g S comp. < 0.005%		ISCT-0GH-2K5	G GL45	2,5 L	N/A
				ISCT-0GH-P04	G GL45	4x2,5 L	N/A

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

KARL-FISCHER METHANOL DRIED

MW: 32.04 CAS: 67-56-1 EC: 200-659-6

CH_3OH

IMDG: 3(6.1) II UN 1230 ADR: 3(6.1) II UN 1230 (D/E) IATA: 3(6.1) II UN 1230

KARL-FISCHER METHANOL DRIED KFR, VOLUMETRIC METHOD			INSTRUKEM	reference	packaging		price kr
App. Volatile clear, colourless liquid Identification IR Spectrometry Assay (GC) > 99.8% Density at 20°C < 0.794g/ml	Solub. in H_2O Passes test Refr. index (at 20ºC) 1.327 - 1.328 H_2O < 0.02%			MTLD-KFR-1K0	G	1 L	188

LACTIC ACID

MW: 90.08 CAS: 50-21-5 EC: 201-196-2

$C_3H_6O_3$

IMDG: 8 III UN 3265 ADR: 8 III UN 3265 IATA: 8 III UN 3265

DL-LACTIC ACID AGR			BASICKEM	reference	packaging		price kr
Assay > 80% DL-lactic acid sol. > 80% Easy carbonizable subst. Passes test Cl^- < 0.0005%	Ash (SO_4) < 0.02% Fe < 0.0007% Heavy metals (Pb) < 0.0005% SO_4 < 0.005%	Red. sugars Passes test As < 0.00002%		LACA-00A-1K0	G	1 L	394

LACTOSE MONOHYDRATE

CAS: 10039-26-6 MW: 360.32 EC: 200-559-2 TARIC code: 17021100

$C_{12}H_{22}O_{11}·H_2O$

LACTOSE MONOHYDRATE AGR REAG.PH. EUR.			BASICKEM	reference	packaging		price kr
Spec. opt. rot. 54.4 - 55.9° H_2O (by KF) 4.5 - 5.5%	Acid. or alk. Passes testml Abs. UV Passes test	Ash (SO_4) < 0.1% Heavy metals (Pb) < 0.0005%		LACT-01A-500	P	500 g	323
				LACT-01A-1K0	P	1 kg	483

LEAD (II) NITRATE

MW: 331.21 CAS: 10099-74-8 EC: 233-245-9 EC INDEX: 082-001-00-6

$Pb(NO_3)_2$

IMDG: 5.1 II UN 1469 ADR: 5.1 II UN 1469 IATA: 5.1 II UN 1469

LEAD (II) NITRATE EPR			BASICKEM	reference	packaging		price kr
App. white crystals or powder	Assay > 98%			LENA-00T-500	P	500 g	338

LEAD (II) NITRATE AGR			BASICKEM	reference	packaging		price kr
App. white crystals or powder Assay > 99% Insol. (HNO_3) < 0.005%	Cl^- < 0.001% Ca < 0.005% Cu < 0.0005%	Fe < 0.001% K < 0.005% Na < 0.02%		LENA-00A-500	P	500 g	506

LITHIUM CHLORIDE

MW: 42.39 CAS: 7447-41-8 EC: 231-212-3

LiCl

LITHIUM CHLORIDE AGR ACS				BASICKEM	reference	packaging		price kr
Appearance White crystalline powder Assay > 99.0% Insol. matter < 0.01%	Loss on dry. (105 °C) < 1.0% SO_4 < 0.01% Ca < 0.01% Fe < 0.001%	Heavy metals (Pb) < 0.002% K < 0.01% Na < 0.2% Ba < 0.003%	NO_3 < 0.001% Titr. base < 0.008meq/g		LICH-00A-100	P	100 g	650

LUGOL SOLUTION

LUGOL SOLUTION AGR	BASICKEM	reference	packaging		price kr
Appearance Brown liquid Free iodine 0,99%		LUGO-00A-250	G	250 ml	206
		LUGO-00A-1K0	G PP28	1 L	523

MAGNESIUM (METAL)

MW: 24.31 CAS: 7439-95-4 EC: 231-104-6 EC INDEX: 012-001-00-3

IMDG: 4.3 (4.2) I UN 1418 ADR: 4.3 (4.2) I UN 1418 (E) IATA: 4.3 (4.2) I UN 1418

Mg

MAGNESIUM (METAL) POWDER EPR			BASICKEM	reference	packaging		price kr
Assay (Mg) > 99%	Insol. in HCl < 0.05%	Fe < 0.05%		MGPW-P0T-100	P	100 g	231
MAGNESIUM (METAL) RIBBON EPR			**BASICKEM**	**reference**	**packaging**		**price kr**
Assay (Mg) > 99.5% Insol. in HCl < 0.05%	Fe < 0.05% Cu < 0.005%	Pb < 0.01%		MGPW-R0T-025	P	25 g	229

MAGNESIUM CHLORIDE HEXAHYDRATE

MW: 203.30 CAS: 7791-18-6 EC: 232-094-6

$MgCl_2 \cdot 6H_2O$

MAGNESIUM CHLORIDE HEXAHYDRATE EPR PH.EUR.			BASICKEM	reference	packaging		price kr
App. Colourless hygroscopic crystals Assay (EP, USP) 98.0 - 101.0% Identification Conforms App. of sol. Clear and colourless Acid. or alk. Passes test Hg < 0.0001 As (EP)	Fe < 0.001% Al < 0.0001% Ba Br < 0.05% (SO_4) (EP) < 0.01 Ca (EP) < 0.1 NH_4 < 0.005%	Potassium (K) < 0.05% H_2O 51 - 55% Insol. matter < 0.005% Res. solvents complies pH (solution 50 g/l) 4.5 - 7.5		MGCH-06P-1K0	P	1 kg	232
				MGCH-06P-5K0	P	5 kg	751
MAGNESIUM CHLORIDE HEXAHYDRATE AGR ACS, BP			**BASICKEM**	**reference**	**packaging**		**price kr**
Assay 98 - 101% Insol. (EtOH) Passes test Insol. matter < 0.005% pH (5%) 5 - 6.5 H_2O 51 - 55% PO_4 < 0.0005%	Ba < 0.005% Fe < 0.0005% SO_4 < 0.002% Heavy metals (Pb) < 0.0005% Ca < 0.01% Mn < 0.0005%	N Comp. (N) < 0.002% Na < 0.005% K < 0.005% As < 0.0002% Sr < 0.005%		MGCH-06A-500	P	500 g	208

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

MAGNESIUM NITRATE HEXAHYDRATE

MW: 256,41 CAS: 13446-18-9 EC: 233-826-7 $Mg(NO_3)_2 \cdot 6H_2O$

MAGNESIUM NITRATE HEXAHYDRATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay 98.0 - 102.0% App. Colourless deliquescent crystals pH (5%) 5.0 - 8.2 Insol. matter < 0.005% Cl^- < 0.001% PO_4 < 0.0005%	NH_4 < 0.003% Ba < 0.005% SO_4 < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.01%	Mn < 0.0005% Na < 0.005% K < 0.005% Sr < 0.005%		MGNA-06A-500	P	500 g	228

MAGNESIUM SULFATE ANHYDROUS

MW: 120.37 CAS: 7487-88-9 EC: 231-298-2 $MgSO_4$

MAGNESIUM SULFATE ANHYDROUS GLR			BASICKEM	reference	packaging		price kr
Assay > 95% Heavy metals (Pb) < 0.005%	Cl^- < 0.1% Insol. matter < 0.1%	Fe < 0.005%		MGSU-A0P-1K0	P	1 kg	296
				MGSU-A0P-5K0	P	5 kg	1040

MAGNESIUM SULFATE HEPTAHYDRATE

MW: 246,48 CAS: 10034-99-8 EC: 231-298-2 $MgSO_4 \cdot 7H_2O$

MAGNESIUM SULFATE HEPTAHYDRATE EPR			BASICKEM	reference	packaging		price kr
Assay 98.5 - 102.0% pH (5%) 5.0 - 8.0 Insol. matter < 0.01%	Cl^- < 0.0035% PO_4 < 0.005% Heavy metals (Pb) < 0.0005%	As < 0.0002% Ca < 0.05% Fe < 0.002%		MGSU-07P-500	P	500 g	126
				MGSU-07P-1K0	P	1 kg	147
MAGNESIUM SULFATE HEPTAHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay 99 - 100.5% pH (5%) 5.0 - 8 Insol. matter < 0.005% Cl^- < 0.002%	PO_4 < 0.001% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.02%	Mn < 0.002% As < 0.0001%		MGSU-07A-500	P	500 g	230

MANGANESE (II) CHLORIDE TETRAHYDRATE

MW: 197,90 CAS: 13446-34-9 EC: 231-869-6 $MnCl_2 \cdot 4H_2O$

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

MANGANESE (II) CHLORIDE TETRAHYDRATE AGR				BASICKEM	reference	packaging		price kr
Assay 98 - 101% Insol. matter < 0.003% Subst. Red. I_2 < 0.0065% Ni < 0.002%	Ba < 0.01% Fe < 0.001% Ca < 0.04% Cu < 0.0002%	SO_4 < 0.0025% Mg < 0.04% Na < 0.02% K < 0.01%	Pb < 0.0002% Zn < 0.02%		MNCH-04A-500	P	500 g	301

MANGANESE (IV) OXIDE

MW: 86,94 CAS: 1313-13-9 EC: 215-202-6 EC INDEX: 025-001-00-3 MnO_2

MANGANESE (IV) OXIDE AGR			BASICKEM	reference	packaging		price kr
App. A black coloured heavy powder Assay > 80.0% Free moist. < 3%	Insoluble in HCl < 0.5% Fe < 0.1% Pb < 0.09%	Cu < 0.002% SO_4 < 1.2% pH (5%) 4.5 - 6.5		MNOX-00A-500	P	500 g	697

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

MANGANESE (II) SULFATE MONOHYDRATE

MW: 169,02 CAS: 10034-96-5 EC: 232-089-9 EC INDEX: 025-003-00-4

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$MnSO_4 \cdot H_2O$

MANGANESE (II) SULFATE MONOHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Insol. matter < 0.01% Loss on ign. 10 - 12% Subst. Red. $KMnO_4$ (O) passes test% Cl^- < 0.002%	Ni < 0.005% Fe < 0.001% Ca < 0.005% Cu < 0.001% Mg < 0.005%	Na < 0.05% K < 0.01% Pb < 0.001% Zn < 0.005%		MNSU-01A-500	P	500 g	341

D(-)-MANNITOL

MW: 182,17 CAS: 69-65-8 EC: 200-711-8

$C_6H_{14}O_6$

D(-)-MANNITOL FOR BACTERIOLOGY AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 99% Melt. range 165 - 169°C Spec. opt. rot. 23 - 25° Cl^- < 0.001% Insol. matter < 0.01% Red. sugars ($C_6H_{12}O_6$) < 0.05%	Loss on dry. (105 °C) < 0.05% Acid. (Acetic acid) < 0.005% SO_4 < 0.005% Ash (SO_4) < 0.02% Fe < 0.0005% Subs. dark. by H_2SO_4 Passes test	Ca < 0.001% Cu < 0.0005% D(-)-Sorbite(GC) < 1% As < 0.0001% Pb < 0.0005%		MANL-00A-500	P	500 g	553

MARBLE

MW: 100.09 CAS: 471-34-1 EC: 207-439-9

$CaCO_3$

MARBLE PIECES 1-2 MM AUX		BASICKEM	reference	packaging		price kr
Type analysis	Particle size 1 - 2mm		MARB-001-1K0	P	1 kg	90

MERCURY (II) CHLORIDE

MW: 271,50 CAS: 7487-94-7 EC: 231-299-8 EC INDEX: 080-010-00-X TARIC code: 28521000 Restriction: Export restrictions

IMDG: 6.1 II UN 1624 ADR: 6.1 II UN 1624 (D/E) IATA: 6.1 II UN 1624

$HgCl_2$

MERCURY (II) CHLORIDE AGR				BASICKEM	reference	packaging		price kr
Assay > 99.5% Insol. Mat. (Ether) < 0.01% Insol. matter < 0.01% Subs. not red. by HCOOH <	0.02% NO_3 < 0.001% Res. on evap. < 0.02% Fe < 0.001%	Ca < 0.001% Cu < 0.0005% Mg < 0.001% Na < 0.005%	K < 0.005% Pb < 0.0005%		HGCH-00A-100	P	100 g	1910

MERCURY (II) IODIDE RED

MW: 454,40 CAS: 7774-29-0 EC: 231-873-8 EC INDEX: 080-002-00-6 TARIC code: 28521000 Restriction: Export restrictions

IMDG: 6.1 II UN 1638 ADR: 6.1 II UN 1638 IATA: 6.1 II UN 1638

HgI_2

MERCURY (II) IODIDE RED AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Soluble Hg salts (Hg) < 0.05% Solub. (10% KI) Passes test	Hg (I) < 0.1% Ni < 0.001% Cu < 0.001%	Pb < 0.001%		HGIO-00A-025	P	25 g	492

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

METHANOL

MW: 32.04 CAS: 67-56-1 EC: 200-659-6 EC INDEX: 603-001-00-X

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230

CH_3OH

METHANOL 99.8 % GLR — BASICKEM

App. Colourless/transp liq.
Acetone < 0.003%
H_2O < 0.1%
Cl^- < 0.00005%
Density at 20°C < 0.7965g/ml
Assay > 99.8%
Res. on evap. < 0.0015%
Subst. red. $KMnO_4$ (≥ 30min) Passes test
Acidity < 0.003
Absence of benzene
Fe < 0.00001

reference	packaging		price kr
MTOL-P0P-1K0	P CODEX	1 L	107
MTOL-P0P-5K0	P CODEX	5 L	269
MTOL-P0P-10K	P CODEX	10 L	470
MTOL-M0P-25K	M	25 L	890

METHANOL AGR ACS,ISO,PH.EUR. — BASICKEM

Assay > 99.8%
Non-Vol. Mat. < 0.001%
H_2O < 0.05%
Free Alkalinity < 0.00005%
Free Acid < 0.002%
Al < 0.00005%
B < 0.000002%
Ba < 0.00001%
Ca < 0.00005%
Cd < 0.000005%
Co < 0.000002%
Cr < 0.000002%
Cu < 0.000001%
Fe < 0.00001%
Mg < 0.00001%
Mn < 0.000001%
Ni < 0.000002%
Pb < 0.000002%
Sn < 0.00001%
Zn < 0.00001%
Cl^- < 0.00005%
SO_4 < 0.0001%
Acetaldehyde < 0.001%
Acetone < 0.001%
Ethanol < 0.1%
Formaldehyde < 0.01%
Subst. red. $KMnO_4$ < 0.00025%
Density 0.791 - 0.793g/ml
Carbonyl comp. < 0.005%
Res. on evap. < 0.001%
R.C.S.
Subs. dark. by H_2SO_4
Solub. in H_2O
Colour (Hazen) < 10Apha
Acidity < 0.0003Meq/g
Alkalinity < 0.0002Meq/g
Abs. (230 nm) < 0.15nm
Abs. (250 nm) < 0.05nm
Abs. (270 nm) < 0.02nm
Abs. (290 nm) < 0.01nm

reference	packaging		price kr
MTOL-0IA-1K0	P GL45	1 L	131
MTOL-0IA-2K5	P GL45	2,5 L	230
MTOL-0IA-P04	P GL45	4x2,5 L	823
MTOL-0IA-5K0	P	5 L	346

METHANOL GC/HPLC GGR — INSTRUKEM

UV-abs. max. lim. (220 nm) < 0.25
UV-Abs. max. lim. (230 nm) < 0.15
UV-Abs. max. lim. (254 nm) < 0.02
UV-Abs. max. lim. (280 nm) < 0.01
Grad. Elut. test passes test
UV Cutoff < 205nm
Assay > 99.9%
Colour (Hazen) < 10
H_2O (by KF) < 0.05%
Res. on evap. < 0.0003%
Titr. acid < 0.0003mEq/g
Titr. base < 0.0002mEq/g
Carbonyl comp. < 0.001%
Subs. dark. by H_2SO_4 passes test
Subst. red. $KMnO_4$ passes test
Solub. in H_2O passes test
ACS Spec. passes test
UV spectrophotometry
UV-Abs. max. lim. (205 nm) < 1.00
LC Grad. Suit.

reference	packaging		price kr
MTOL-0GH-2K5	G GL45	2,5 L	324
MTOL-0GH-P04	G GL45	4x2,5 L	1079
MTOL-0GH-4K0	G GL38	4 L	408
MTOL-0GH-PG4	G GL38	4x4 L	1360

METHANOL LC/MS LGR — INSTRUKEM

Assay > 99.9%
App. Clear colourless liquid
H_2O (by KF) < 0.05%
Colour (Hazen) < 10
Acid. (Acetic acid) < 0.0003%
Alkal. (Ammonia) < 0.0002%
Res. on evap. < 0.001%
Grad. elut. H. Peak (254 nm) < 0.002AU
T220nm > 60%
T235nm > 85%
T260nm > 98%
LC Grad. Suit. Passes test
Ni < 0.000002%
Ba < 0.00001%
Fe < 0.00001%
Al < 0.00005%
Ca < 0.00001%
Cr < 0.000002%
Cu < 0.000001%
Mn < 0.000001%
Co < 0.000002%
Mg < 0.00001%
Na < 0.00001%
K < 0.00001%
Pb < 0.000002%
Cd < 0.000005%
Ag < 0.00001%
Sn < 0.00001%
Zn < 0.00001%

reference	packaging		price kr
MTOL-LCM-2K5	G GL45	2,5 L	377
MTOL-LCM-P04	G GL45	4x2,5 L	1257

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GRADES, FAMILIES and PACKAGING information on p. 352

METHYL ETHYL KETONE

MW: 72.11 CAS: 78-93-3 EC: 201-159-0 EC INDEX: 606-002-00-3 TARIC code: 29141200 Restriction: Drugs precursor Cat. 3

IMDG: 3 II UN 1193 ADR: 3 II UN 1193 (D/E) IATA: 3 II UN 1193

$CH_3COC_2H_5$

METHYL ETHYL KETONE 99.5% GLR	BASICKEM	reference	packaging		price kr
Assay > 99.5% App. Transp./yellowish liq. H_2O < 0.05% Acid. (Acetic acid) < 0.003% Colour (Hazen) < 10 Density at 20°C 0.804 - 0.807g/ml Ethan. impurities < 0.5% Res. on evap. < 0.005% Distillation range 78.5 - 81.0ºC		MEKT-P0P-1K0	P CODEX	1 L	193
		MEKT-P0P-5K0	P CODEX	5 L	748
		MEKT-M0P-25K	M	25 L	3341

METHYL ORANGE *SEE P. 416*

METHYL RED *SEE P. 416*

METHYLENE BLUE *SEE P. 416*

NAPHTALENE

MW: 128,17 CAS: 91-20-3 EC: 202-049-5 EC INDEX: 601-052-00-2

IMDG: 4.1 III UN 1334 ADR: 4.1 III UN 1334 (E) IATA: 4.1 III UN 1334

$C_{10}H_8$

NAPHTALENE 99.7% AGR	BASICKEM	reference	packaging		price kr
Melt. range 79.5 - 81°C Assay > 99.7%		NANE-00A-500	P	500 g	296

1-NAPHTOL

MW: 144,17 CAS: 90-15-3 EC: 201-969-4 EC INDEX: 604-029-00-5

IMDG: 6.1 III UN 2811 ADR: 6.1 III UN 2811 (E) IATA: 6.1 III UN 2811

$C_{10}H_8O$

1-NAPHTOL AGR	BASICKEM	reference	packaging		price kr
Melt. range 95 - 97°C Assay > 99% Insol. (MeOH) < 0.01% Cl^- < 0.005% 2-Naphtol < 0.2% Naphthalene < 0.2% H_2O < 0.2% Ash (SO_4) < 0.01% Fe < 0.001% Heavy metals (Pb) < 0.001%		NAOL-01A-100	G	100 g	251

NESSLER'S REAGENT

CAS: 7783-33-7 EC: 231-990-4

IMDG: 8 (6.1) II UN 2922 ADR: 8 (6.1) II UN 2922 (E) IATA: 8 (6.1) II UN 2922

NESSLER'S REAGENT AGR	BASICKEM	reference	packaging		price kr
For NH_3 App. Pale yellow coloured solution Sensit. to NH_3 Passes test This reagent should be allowed to settle before use. It is packed with a small amount of precipitate to maintain its sensitivity during storage.		NESS-00A-250	P	250 ml	224

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

NICKEL (II) CHLORIDE HEXAHYDRATE

MW: 237.69 CAS: 7791-20-0 EC: 231-743-0 EC INDEX 028-011-00-6 UN 3288 TARIC code: 28273500

IMDG: 6.1 III UN 3288 ADR: 6.1 T5 III UN 3288 IATA: 6.1 III UN 3288

$NiCl_2 \cdot 6\,H_2O$

NICKEL (II) CHLORIDE HEXAHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 98% App. Green/Crystal. powder Insol. matter < 0.005%	Fe < 0.002% Cu < 0.001% Co < 0.005%	Pb < 0.002% Cd < 0.005% Zn < 0.001%		NICH-06A-500	P	500 g	547

NICKEL (II) NITRATE HEXAHYDRATE

MW: 290,81 CAS: 13478-00-7 EC: 236-068-5

IMDG: 5.1 III UN 2725 ADR: 5.1 III UN 2725 (E) IATA: 5.1 III UN 2725

$Ni(NO_3)_2 \cdot 6\,H_2O$

NICKEL (II) NITRATE HEXAHYDRATE EPR			BASICKEM	reference	packaging		price kr
Assay > 98.0 Cl^- < 0.003 Fe < 0.005	Cu < 0.002 Co < 0.02 Pb < 0.001	Zn < 0.05 SO_4 < 0.01		NINA-06T-250	P	250 g	289

NITRIC ACID

MW: 63.01 CAS: 7697-37-2 EC: 231-714-2 EC INDEX: 007-004-00-1 TARIC code: 28080000 Restriction: Explosives precursor

IMDG: 8 (5.1) II UN 2031 ADR: 8 (5.1) II UN 2031 (E) IATA: 8 (5.1) II UN 2031

HNO_3

NITRIC ACID 65% EPR			BASICKEM	reference	packaging		price kr
Assay > 65% Density at 20°C approx. - 1.4g/ml Ash (SO_4) < 0.005% Cl^- < 0.0003% PO_4 < 0.001% SO_4 < 0.001%	Heavy metals (Pb) < 0.0003% As < 0.000003% Cr < 0.0002% Cu < 0.00005% Fe < 0.0005% Mg < 0.0001%	Mn < 0.00005% Ni < 0.0001% Pb < 0.0001% Zn < 0.00005%		NIAC-50P-1K0	G PP28	1 L	206

NITRIC ACID 65% AGR ISO				BASICKEM	reference	packaging		price kr
Assay > 65% Res. on ignition < 0.0005% As < 0.000001%	Ca < 0.0001% Cd < 0.000001% Cu < 0.000005%	Fe < 0.00002% Pb < 0.000005% Zn < 0.00001%	Cl^- < 0.00005% PO_4 < 0.00005% SO_4 < 0.0001%		NIAC-5IA-1K0	P GL45	1 L	193
					NIAC-5IA-2K5	P GL45	2,5 L	397
					NIAC-5IA-P04	P GL45	4x2,5 L	1483

NITRIC ACID 70% AGR				BASICKEM	reference	packaging		price kr
Assay > 69% PO_4 < 0.0002% Density at 20°C 1.41g/ml Cl^- < 0.00005%	Res. on ignition < 0.00025% Fe < 0.00001% Cu < 0.000001% SO_4 < 0.0002%	Mn < 0.000001% Mg < 0.00001% As < 0.000001% Pb < 0.000001%	Zn < 0.000005%		NIAC-00A-1K0	G GL45	1 L	375
					NIAC-00A-2K5	G GL45	2,5 L	738
					NIAC-00A-P04	G GL45	4x2,5 L	2460

NITRIC ACID 67-69% TGR FOR TRACE ANALYSIS (PPB)				INSTRUKEM	reference	packaging		price kr
Assay 67 - 69% Use within 15 months of opening, up to unopened expiration date Sb < 0.00000005% Cl^- < 0.00002% Be < 0.000000001% Colour (Hazen) < 10 S < 0.00003% Bi < 0.000000001%	Ba < 0.000000001% B < 0.0000001% Ni < 0.000000005% Fe < 0.00000001% Al < 0.00000001% Ca < 0.00000001% Cr < 0.00000001% Cu < 0.000000005% Mn < 0.000000001% Co < 0.000000005%	Li < 0.000000001% Mg < 0.00000001% Na < 0.00000001% As < 0.000000005% Mo < 0.000000001% Pb < 0.000000001% Pd < 0.000000005% Hg < 0.000000001% Sr < 0.000000001% Cd < 0.000000005%	Pt < 0.000000005% Ag < 0.000000001% Rh < 0.000000005% Sn < 0.000000005% Zn < 0.000000005% W < 0.000000001% P < 0.000001%		NIAC-TGR-2K5	P GL45	2,5 L	3208

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GRADES, FAMILIES and PACKAGING information on p. 352

NITRIC ACID, VOLUMETRIC SOLUTIONS

MW: 63.01 CAS: 7697-37-2 EC: 231-714-2 EC INDEX: 007-004-00-1 TARIC code: 28080000 Restriction: Explosives precursor

IMDG: 8 (5.1) II UN 2031 ADR: 8 (5.1) II UN 2031 (E) IATA: 8 (5.1) II UN 2031

HNO_3

NITRIC ACID, VOLUMETRIC SOLUTION 1.0 M (1.0 N) VSA	BASICKEM	reference	packaging		price kr
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N Tolerance (M) 0.001M Tolerance (N) 0.001N		NIAC-1V0-1K0	P	1 L	300

P-NITROANILINE

MW: 138.12 CAS: 100-01-6 EC: 202-810-1 EC INDEX: 612-012-00-9

IMDG: 6.1 II UN 1661 ADR: 6.1 II UN 1661 (D/E) IATA: 6.1 II UN 1661

$C_6H_6N_2O_2$

P-NITROANILINE AGR	BASICKEM	reference	packaging		price kr
Assay > 99% Melt. range 147 - 149°C Ash < 0.05%		NIAN-P0A-100	G	100 g	270

2-NITROBENZALDEHYDE

MW: 151.12 CAS: 552-89-6 EC: 209-025-3

$(NO_2)C_6H_4CHO$

2-NITROBENZALDEHYDE 99% AGR	BASICKEM	reference	packaging		price kr
Assay (Hydroxylamine titration) > 99% Melting range 41 - 45°C		NIBZ-00A-025	G	25 g	279

OLEIC ACID

MW: 282,47 CAS: 112-80-1 EC: 204-007-1

$C_{17}H_{33}COOH$

OLEIC ACID EPR	BASICKEM	reference	packaging		price kr
App. Pale yellow oily liquid Ash < 0.01% Min. acid Passes test Iodine number 89 - 95% Neut. fat Passes test Acid num. 196 - 204 Peroxides < 10%		OLAC-00T-500	G	500 ml	220

ORTOPHOSPHORIC ACID 85%

MW: 98,00 CAS: 7664-38-2 EC: 231-633-2 EC INDEX: 015-011-00-6

IMDG: 8 III UN 1805 ADR: 8 III UN 1805 (E) IATA: 8 III UN 1805

H_3PO_4

ORTOPHOSPHORIC ACID 85% EPR	BASICKEM	reference	packaging		price kr
Assay 84 - 87% Density at 20°C 1.700g/ml		ORAC-00P-1K0	G GL45	1 L	386
		ORAC-00P-2K5	P	2,5 L	896

ORTOPHOSPHORIC ACID 85% AGR	BASICKEM	reference	packaging		price kr
Assay 84 - 87% SO_4 < 0.01% Fe < 0.002% Pb < 0.002% Density at 20°C < 1.7g/ml		ORAC-00A-1K0	G GL45	1 L	646

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

ORTOPHOSPHORIC ACID 85% AGR ACS, ISO, PH.EUR.			BASICKEM	reference	packaging		price kr
Assay > 85% Volatile Acids < 0.001% Subst. red. $KMnO_4$ < 0.001% Cl^- < 0.0002% Sb < 0.0002% Colour (Hazen) < 10 F < 0.0001% NO_3 < 0.0003% H_3PO_3 < 0.002%	SO_4 < 0.003% SiO_2 < 0.025% Ni < 0.0001% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.005% Cu < 0.0001% Mn < 0.00005% Co < 0.0001%	Mg < 0.001% Na < 0.025% K < 0.0005% As < 0.00005% Pb < 0.0001% Cd < 0.0001% Zn < 0.0002%		ORAC-0IA-1K0	P GL45	1 L	533

OXALIC ACID DIHYDRATE

MW: 126,07 CAS: 6153-56-6 EC: 205-634-3 EC INDEX: 607-006-00-8

$H_2C_2O_4 \cdot 2H_2O$

OXALIC ACID DIHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay 99.5 - 102.5 Insol. matter < 0.005% Total N < 0.001% Cl^- < 0.0005% Subs. dark. by H_2SO_4	Fe < 0.0002% Res. on ignition < 0.01% Heavy metals (Pb) < 0.0005% SO_4 < 0.005% Ca < 0.001%	Cu < 0.0005% Mg < 0.002% Pb < 0.0005%		OXAC-02A-500	P	500 g	160
				OXAC-02A-1K0	P	1 kg	298

OXALIC ACID, VOLUMETRIC SOLUTIONS

MW: 126,07 CAS: 6153-56-6

$H_2C_2O_4$

OXALIC ACID, VOLUMETRIC SOLUTION 0.05 M (0.1 N) VSA		BASICKEM	reference	packaging		price kr
Concentration (M) 0.0499 - 0.0501M Concentration (N) 0.0998 - 0.1002N	Tolerance (M) 0.0001M Tolerance (N) 0.0002N		OXAC-01V-1K0	P GL45	1 L	267

PARAFFIN, LIGHT LIQUID

CAS: 8042-47-5 EC: 232-455-8

PARAFFIN, LIGHT LIQUID GLR PH.EUR.			BASICKEM	reference	packaging		price kr
Identification Conforms App. Colourless/transp./oily liquid free from fluoresc.in daylight	Acid. or alk. Passes test Rel. dens. 0.81 - 0.875 Viscosity 50 - 64 mPa.	PAH Passes test Readily carbonis. subs. Passes test Solid paraffins Passes test		PALI-P0P-1K0	P	1 L	170
				PALI-P0P-5K0	P	5 L	679

N-PENTANE

MW: 72.15 CAS: 109-66-0 EC: 203-692-4 EC INDEX: 601-006-00-1 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1265 ADR: 3 II UN 1265 (D/E) IATA: 3 II UN 1265

$CH_3(CH_2)_3CH_3$

N-PENTANE AGR				BASICKEM	reference	packaging		price kr
Assay > 99 H_2O < 0.01% S < 0.005% Acidity < 0.0005% Ba < 0.00001%	Ni < 0.000002% Res. on evap. < 0.001% Fe < 0.00001% Al < 0.00005% Ca < 0.00005%	Cr < 0.0000002% Cu < 0.0000002% Mn < 0.000002% Co < 0.000002% Mg < 0.00001%	Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%		PENT-00A-1K0	G	1 L	N/A

PEPTONE FROM CASEIN *SEE P. 48*

PERCHLORIC ACID 60%

MW: 100.46 CAS: 7601-90-3 EC: 231-512-4 EC INDEX: 017-006-00-4

$HClO_4$

IMDG: 5.1 (8) I UN 1873 ADR: 5.1 (8) I UN 1873 (B/E) IATA: 5.1 (8) I UN 1873

PERCHLORIC ACID 60% AGR ACS ISO PH.EUR.				BASICKEM	reference	packaging		price kr
Assay > 60%	Fe < 0.0001%	K < 0.00001%	V < 0.000005%		ACPE-60A-1K0	G	1 L	1566
Be < 0.000002%	Al < 0.000005%	Mo < 0.000005%	Zr < 0.00001%					
Ge < 0.000005%	Ca < 0.00005%	As < 0.000005%	ClO_3 < 0.001%					
Cl^- < 0.0003%	Cu < 0.00001%	Pb < 0.000005%	Ag < 0.000005%					
Bi < 0.00001%	Mn < 0.000002%	Ti < 0.00001%	N < 0.001%					
SiO_2 < 0.0005%	Co < 0.000005%	Hg < 0.0000005%	Zn < 0.00001%					
Ni < 0.00001%	Li < 0.000002%	Tl < 0.000005%						
Ba < 0.000002%	Mg < 0.00005%	Cd < 0.000005%						
SO_4 < 0.001%	Na < 0.00005%	Sr < 0.000002%						

PETROLEUM ETHER 40-60

CAS: 64742-49-0 EC: 265-151-9 EC INDEX: 649-328-00-1 TARIC code: 27101225 Restriction: Hydrocarbons

IMDG: 3 II UN 1268 ADR: 3 II UN 1268 (D/E) IATA: 3 II UN 1268

PETROLEUM ETHER 40-60 EPR			BASICKEM	reference	packaging		price kr
Res. on evap. < 0.001%	Benzene < 0.001%	Destil.Range 40 - 60°C		PEET-40P-1K0	G GL45	1 L	N/A
H_2O < 0.01%	S < 0.005%	APP 0°C Passes test		PEET-40P-2K5	G GL45	2,5 L	N/A
				PEET-40P-P04	G GL45	4x2,5 L	N/A

PETROLEUM ETHER 40-60 AGR				BASICKEM	reference	packaging		price kr
Non-Vol. Mat. < 0.001%	Ca < 0.00005%	Mn < 0.000002%	S < 0.005%		PEET-40A-1K0	G GL45	1 L	N/A
H_2O < 0.01%	Cd < 0.000005%	Ni < 0.000002%	Density 0.640 - 0.655g/ml					
Free Acid < 0.002%	Co < 0.000002%	Pb < 0.000002%	Boiling range > 90%		PEET-40A-2K5	G GL45	2,5 L	N/A
Colour < 10APHA	Cr < 0.000002%	Sn < 0.00001%	Res. on evap. < 0.001%					
Al < 0.00005%	Cu < 0.0000002%	Zn < 0.00001%			PEET-40A-P04	G GL45	4x2,5 L	N/A
B < 0.000002%	Fe < 0.00001%	Benzene < 0.01%						
Ba < 0.00001%	Mg < 0.00001%	Iodine Number < 0.3						

PETROLEUM ETHER 40-60 HPLC GGR			INSTRUKEM	reference	packaging		price kr
Water < 0.01%	UV-Tr. (1cm;Wat.) 210 nm > 60%	UV-Tr. (1cm;Wat.) 240 nm > 98%		PEET-4GH-2K5	G GL45	2,5 L	N/A
Acidity < 0.0005meq/q	UV-Tr. (1cm;Wat.) 220 nm > 80%	UV-Tr. (1cm;Wat.) 250 nm > 99%					
Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 230 nm > 90%			PEET-4GH-P04	G GL45	4x2,5 L	N/A

PH STANDARDS *SEE P. 308-309*

1,10-PHENANTHROLINE MONOHYDRATE *SEE P. 416*

PHENOL CRYSTALLIZED

MW: 94,11 CAS: 108-95-2 EC: 203-632-7 EC INDEX: 604-001-00-2

C_6H_5OH

IMDG: 6.1 II UN 1671 ADR: 6.1 II UN 1671 (D/E) IATA: 6.1 II UN 1671

PHENOL CRYSTALLIZED EPR		BASICKEM	reference	packaging		price kr
Assay (GC) > 98.0	App. White or pink crystals or mass		PHOL-00T-500	G	500 g	361
Solidif. point 38 - 42°C						

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

PHENOL CRYSTALLIZED AGR ACS			BASICKEM	reference	packaging		price kr
Assay (GC) > 99.5 Solub. (5% in wat.) Clear/colourless solution Freezing point 40.5 - 41°C Res. on evap. < 0.02%	Insol. matter < 0.005% Cl^- < 0.005% Fe < 0.0001% Pb < 0.001%	H_2O < 0.5% Stabilizer < 0.15% Phenol becomes pink on exposure to air and light.		PHOL-00A-500	G	500 g	274

PHENOL RED *SEE P. 417*

PHENOLPHTALEIN *SEE P. 417*

POTASSIUM BROMIDE

MW: 119,00 CAS: 7758-02-3 EC: 231-830-3

KBr

POTASSIUM BROMIDE AGR				BASICKEM	reference	packaging		price kr
Assay > 99.5 Loss on dry. (105 °C) < 0.5% Insol. matter < 0.005% pH (5%) 5.0 - 8.8	Total N < 0.001% BrO_3 < 0.001% Cl^- < 0.1% I^- < 0.02%	SO_4 < 0.005% Heavy metals (Pb) < 0.0005% Ba < 0.002% Ca < 0.001%	Fe < 0.0005% Mg < 0.001% Na < 0.05%		POBR-00A-500	P	500 g	433

POTASSIUM CARBONATE

MW: 138,21 CAS: 584-08-7 EC: 209-529-3

K_2CO_3

POTASSIUM CARBONATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Insol. matter < 0.01% Total N < 0.001% Cl^- and ClO_3 < 0.002%	PO_4 < 0.001% Ca + Mg < 0.008% SiO_2 < 0.004% SO_4 < 0.004%	Fe < 0.001% Heavy metals (Pb) < 0.0005% As < 0.00005%		POCA-00A-500	P	500 g	151

POTASSIUM CHLORIDE

MW: 74.55 CAS: 7447-40-7 EC: 231-211-8

KCl

POTASSIUM CHLORIDE AGR ISO, ACS, PH. EUR.				BASICKEM	reference	packaging		price kr
Assay > 99.5% Ba < 0.001% Ca < 0.001% Fe < 0.0002%	Mg < 0.0005% Na < 0.02% Heavy met. (Pb) < 0.0005% Br^- < 0.01%	I^- < 0.002% PO_4 < 0.0005% SO_4 < 0.002% N < 0.001%	Loss on dry. < 0.2% pH 5 - 8%		POCL-00A-1K0	P GLS	1 kg	260

POTASSIUM CHLORIDE, ELECTRODE SOLUTIONS *SEE P. 308*

POTASSIUM CHROMATE

MW: 194,19 CAS: 7789-00-6 EC: 232-140-5 EC INDEX: 024-006-00-8 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 6.1 III UN 3288 ADR: 6.1 III UN 3288 (D/ E) IATA: 6.1 III UN 3288

K_2CrO_4

POTASSIUM CHROMATE AGR ACS				BASICKEM	reference	packaging		price kr
Assay > 99.5 Insol. matter < 0.005%	pH (5%) 9 - 9.8 Cl^- < 0.001%	Ca < 0.005% Na < 0.05%	Pb < 0.005% SO_4 < 0.01%		POCH-00A-500	P	500 g	514

POTASSIUM CHROMATE SOLUTION, INDICATOR *SEE P. 417*

POTASSIUM DICHROMATE

MW: 294.19 CAS: 7778-50-9 EC: 231-906-6 EC INDEX: 024-002-00-6 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 6.1 (5.1) II UN 3086 ADR: 6.1 (5.1) II UN 3086 (D/E) IATA: 6.1 (5.1) II UN 3086

$K_2Cr_2O_7$

POTASSIUM DICHROMATE AGR ACS, ISO, PH.EUR.	BASICKEM	reference	packaging		price kr
Assay > 99.8% Loss on dry. < 0.05% Ca < 0.002% Cu < 0.001% Fe < 0.001% Na < 0.01% Pb < 0.005% Cl^- < 0.001% SO_4 < 0.005% Insol. matter < 0.005%		PODC-00A-250	P	250 g	496

POTASSIUM DICHROMATE, VOLUMETRIC SOLUTION

MW: 294.19 CAS: 7778-50-9 EC: 231-906-6 EC INDEX: 024-002-00-6 TARIC code: 28415000 Restriction: REACH Autorization

$K_2Cr_2O_7$

POTASSIUM DICHROMATE, VOLUMETRIC SOLOUTION 0.0167 M (0.1 N) VSA	BASICKEM	reference	packaging		price kr
Comp. 4.9032g $K_2Cr_2O_7$/L Concentration (20°C) (M) 0.01663 - 0.0167M Concentration (20°C) (N) 0.0998 - 0.1002N Tolerance (M) 0.000033M Tolerance (N) 0.0002N		PODC-01V-1K0	P GL45	1 L	249

POTASSIUM DIHYDROGEN PHOSPHATE

MW: 136,08 CAS: 7778-77-0 EC: 231-913-4

KH_2PO_4

POTASSIUM DIHYDROGEN PHOSPHATE AGR	BASICKEM	reference	packaging		price kr
Assay > 99.5% pH (5%) 4.3 - 4.5 Insol. matter < 0.01% Cl^- < 0.0005% Total N < 0.001% Loss on dry. < 0.2% Fe < 0.001% Heavy metals (Pb) < 0.001% SO_4 < 0.002% Na < 0.02%		PODP-00A-500	P	500 g	282

POTASSIUM HEXACYANOFERRATE (II) TRIHYDRATE

MW: 422,39 CAS: 14459-95-1 EC: 237-722-2

$K_4[Fe(CN)_6]\cdot 3H_2O$

POTASSIUM HEXACYANOFERRATE (II) TRIHYDRATE AGR	BASICKEM	reference	packaging		price kr
Appearance/colour > Pale yellow crystalline powder Assay (by cerimetry) 98.5 - 102% Insol. matter < 0.005% Cl^- < 0.01% SO_4 < 0.01%		POHF-23A-500	P	500 g	533

POTASSIUM HEXACYANOFERRATE (III)

MW: 329,25 CAS: 13746-66-2 EC: 237-323-3

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$K_3(Fe(CN)_6)$

POTASSIUM HEXACYANOFERRATE (III) AGR	BASICKEM	reference	packaging		price kr
Assay (by iodometry) > 99.0% App. Red crystals Insol. matter < 0.005% Cl^- < 0.01% SO_4 < 0.01% $(Fe(CN)_6)^{2-}$ < 0.05%		POHF-30A-500	P	500 g	853

DI-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS

MW: 174.18 CAS: 7758-11-4 EC: 231-834-5

K_2HPO_4

DI-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS AGR	BASICKEM	reference	packaging		price kr
App. Colourless crystals or powder Assay > 99% Insol. matter < 0.01% Loss on dry. < 1.0% pH (5%, 20°C) 8.5 - 9.6 Total N < 0.002% Cl^- < 0.005% SO_4 < 0.005% Heavy metals (Pb) < 0.001% As < 0.0002% Fe < 0.001% Na < 0.5%		POHP-00A-500	P	500 g	360

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

POTASSIUM HYDROGEN PHTHALATE

MW: 204,22 CAS: 877-24-7 EC: 212-889-4

$C_8H_5KO_4$

POTASSIUM HYDROGEN PHTHALATE AGR			BASICKEM	reference	packaging		price kr
App. White crystalline powder Assay (after drying) > 99.5% Insol. matter < 0.005% Loss on dry. (110 °C) < 0.2%	Cl^- < 0.002% Phtalic acid < 0.005% SO_4 < 0.005% Cu < 0.0005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005% Na < 0.01%		POPH-00A-500	P	500 g	343

POTASSIUM HYDROXYDE

MW: 56,11 CAS: 1310-58-3 EC: 215-181-3 EC INDEX: 019-002-00-8

IMDG: 8 II UN 1813 ADR: 8 II UN 1813 (E) IATA: 8 II UN 1813

KOH

POTASSIUM HYDROXYDE 85% EPR IN GRANULES OR FLAKES				BASICKEM	reference	packaging		price kr
Appearance/colour White to gray granule or flakes Assay > 85% Total N < 0.001%	Cl^- < 0.01% PO_4 < 0.003% SiO_2 < 0.01% SO_4 < 0.005%	CO_3 (K_2CO_3) < 1.5% Heavy metals (Pb) < 0.002% Al < 0.01% Ca < 0.003%	Fe < 0.001%		POHY-P0T-500	P	500 g	179
					POHY-P0T-1K0	P	1 kg	262
POTASSIUM HYDROXYDE 85% AGR IN GRANULES OR FLAKES				**BASICKEM**	reference	packaging		price kr
Appearance/colour White to gray granule or flakes Assay > 85% Total N < 0.001% Cl^- < 0.004% PO_4 < 0.001%	SiO_2 < 0.005% SO_4 < 0.002% CO_3 (K_2CO_3) < 1.5% Heavy metals (Pb) < 0.001% Ag < 0.0005% Al < 0.001%	Ba < 0.0005% Ca < 0.001% Cd < 0.0005% Co < 0.0005% Cu < 0.0005% Fe < 0.001%	Mg < 0.0005% Mn < 0.0005% Na < 0.5% Ni < 0.0005% Sr < 0.0005% Zn < 0.0005%		POHY-P0A-500	P	500 g	190
					POHY-P0A-1K0	P	1 kg	294
					POHY-P0A-5K0	P	5 kg	1323

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTIONS

MW: 56.11 CAS: 1310-58-3 EC: 215-181-3 EC INDEX: 019-002-00-8

IMDG: 8 III UN 1814 ADR: 8 III UN 1814 (E) IATA: 8 III UN 1814

KOH

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA			BASICKEM	reference	packaging		price kr
Concentration (20°C) (M) 0.0996 - 0.1004M Concentration (20°C) (N) 0.0996 - 0.1004N	Tolerance (M) 0.0004M Tolerance (N) 0.0004N			POHY-01V-1K0	P	1 L	261
POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 1 M (1 N) VSA			**BASICKEM**	reference	packaging		price kr
App. Colourless clear liquid Concentration (25°C) (M) 0.996 - 1.004M Concentration (25°C) (N) 0.996 - 1.004N	Tolerance (M) 0.004M Tolerance (N) 0.004N			POHY-1V0-1K0	P	1 L	308

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTIONS IN ETHANOL

MW: 56.11

IMDG: 3 (8) II UN 2924 ADR: 3 (8) II UN 2924 (D/E) IATA: 3 (8) II UN 2924

KOH

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) IN ETHANOL VSA			BASICKEM	reference	packaging		price kr
Comp. 5.612 g KOH / L C_2H_5OH Concentration (20°C) (M) 0.0998 - 0.1002M Concentration (20°C) (N) 0.0998 - 0.1002N	Tolerance (M) 0.0002M Tolerance (N) 0.0002N			POHY-E1V-1K0	G GL45	1 L	702
POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.5 M (0.5 N) IN ETHANOL VSA			**BASICKEM**	reference	packaging		price kr
Comp. 28.055g KOH / L C_2H_5OH Concentration (20°C) (M) 0.499 - 0.501M Concentration (20°C) (N) 0.499 - 0.501N	Tolerance (M) 0.001M Tolerance (N) 0.001N			POHY-E5V-1K0	G GL45	1 L	560

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

POTASSIUM IODIDE

KI

MW: 166,00 CAS: 7681-11-0 EC: 231-659-4

POTASSIUM IODIDE EPR PH.EUR.			BASICKEM	reference	packaging	price kr
App. White granular material of small uniform particle size with free flowing characteristics Odour Odourless Assay > 99% Insol. matter < 0.01% pH (5%) 6 - 9.2	Loss on dry. (150 °C) < 0.3% IO_3 < 0.001% Cl^- and Br^- (Cl) < 0.05% N Comp. (N) < 0.001% SO_4 < 0.01% Heavy metals (Pb) < 0.001% PO_4 < 0.005%	Ba < 0.005% Ca < 0.005% Na < 0.01% Mg < 0.005% Fe < 0.0006% Org. Volat. impur. conforms		POIO-00P-250	250 g	658
				POIO-00P-500	500 g	946
				POIO-00P-1K0	1 kg	2427

POTASSIUM IODIDE AGR ISO			BASICKEM	reference	packaging	price kr
App. White granular material of small uniform particle size with free flowing characteristics Odour Odourless Assay > 99% Insol. matter < 0.005% pH (5%) 6 - 9.2	Loss on dry. (150 °C) < 0.2% IO_3 < 0.0003% Cl^- and Br^- (Cl) < 0.01% SO_4 < 0.005% N Comp. (N) < 0.001% Heavy metals (Pb) < 0.0005% PO_4 < 0.001%	Ba < 0.002% Ca < 0.002% Na < 0.005% Mg < 0.001% Fe < 0.0003% Org. Volat. impur. conforms		POIO-00A-250	250 g	1032
				POIO-00A-1K0	1 kg	2075

POTASSIUM NITRATE

MW: 101,10 CAS: 7757-79-1 EC: 231-818-8 TARIC code: 28342100 Restriction: Explosives precursor

IMDG: 5.1 III UN 1486 ADR: 5.1 III UN 1486 (E) IATA: 5.1 III UN 1486

KNO_3

POTASSIUM NITRATE EPR			BASICKEM	reference	packaging	price kr
Assay > 98.5% App. White powder Insol. matter < 0.005% H_2O < 0.5% Cl^- < 0.002%	PO_4 < 0.001% NH_4 < 0.005% SO_4 < 0.02% Fe < 0.001% Heavy metals (Pb) < 0.0005%	Ca < 0.002% Mg < 0.002% Na < 0.03% NO_2 < 0.001%		PONA-00P-1K0	1 kg	339

POTASSIUM NITRATE AGR			BASICKEM	reference	packaging	price kr
Assay > 99% App. white powder Insol. matter < 0.005% H_2O < 0.2% Cl^- < 0.001% pH (5%, 20°C) 5.5 - 8	PO_4 < 0.0003% IO_3 < 0.0005% SO_4 < 0.003% Fe < 0.0002% NH_4 < 0.005% Ca < 0.002%	Cu < 0.001% Mg < 0.001% Na < 0.02% NO_2 < 0.0005% Pb < 0.001% Zn < 0.001%		PONA-00A-500	500 g	233
				PONA-00A-1K0	1 kg	361

POTASSIUM PERMANGANATE

MW: 158,04 CAS: 7722-64-7 EC: 231-760-3 EC INDEX: 025-002-00-9 TARIC code: 28416100 Restriction: Drugs precursor Cat. 2

IMDG: 5.1 II UN 1490 ADR: 5.1 II UN 1490 (E) IATA: 5.1 II UN 1490

$KMnO_4$

POTASSIUM PERMANGANATE AGR		BASICKEM	reference	packaging	price kr
Assay > 99.0% Insol. matter < 0.2%	Cl^- < 0.005% SO_4 < 0.02%		KMNO-00A-500	500 g	256
			KMNO-00A-1K0	1 kg	503

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

POTASSIUM PERMANGANATE, VOLUMETRIC SOLUTIONS

MW: 158.04 CAS: 7722-64-7 EC: 231-760-3 TARIC code: 28416100 Restriction: Drugs precursor Cat. 2

IMDG: 9 III UN 3082 ADR: 9 III UN 3082 (E) IATA: 9 III UN 3082

$KMnO_4$

POTASSIUM PERMANGANATE 0.02 M (0.1 N) VSA	BASICKEM	reference	packaging		price kr
Comp. 3.161 g $KMNO_4$ / L Concentration (20°C) (M) 0.01996 - 0.02004M Concentration (20°C) (N) 0.0998 - 0.1002N Tolerance (M) 0.00004M Tolerance (N) 0.0002N		KMNO-01V-1K0	G GL45	1 L	258

POTASSIUM SODIUM TARTRATE TETRAHYDRATE

MW: 282.22 CAS: 6381-59-5 EC: 205-698-2

$C_4H_4KNaO_6 \cdot 4H_2O$

POTASSIUM SODIUM TARTRATE TETRAHYDRATE AGR	BASICKEM	reference	packaging		price kr
Assay 99 - 102% App. Colourless crystals or white powder Insol. matter < 0.01% Cl^- < 0.001% pH (5%, 20°C) 7 - 8.5 Subst. red. $KMnO_4$ Passes test NH_4 < 0.002% SO_4 < 0.01% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.002%		POST-00A-500	P	500 g	364
		POST-00A-1K0	P	1 kg	584

POTASSIUM SULPHATE

MW: 174.27 CAS: 7778-80-5 EC: 231-915-5

K_2SO_4

POTASSIUM SULPHATE AGR	BASICKEM	reference	packaging		price kr
Assay (by acidimetry) > 99% App. White/colourless cryst. Insol. matter < 0.01% pH (5%) 5.5 - 8.5 Cl^- < 0.001% Total N < 0.001% Fe < 0.0005% Heavy metals (Pb) < 0.001% Ca < 0.005% Cu < 0.0005% Mg < 0.002% Na < 0.02% As < 0.0001% Cd < 0.0005%		POSU-00A-500	P	500 g	277

POTASSIUM THIOCYANATE

MW: 97,18 CAS: 333-20-0 EC: 206-370-1 EC INDEX: 615-004-00-3

KSCN

POTASSIUM THIOCYANATE AGR ACS	BASICKEM	reference	packaging		price kr
App. Colourless to white deliquescent crystals Assay > 98.5% Insol. matter < 0.005% pH (5%) 5.3 - 8.5 Cl^- < 0.005% SO_4 < 0.005% NH_4 < 0.003% Fe < 0.0002% Heavy metals (Pb) < 0.0005% Na < 0.005% I consuming subst. Passes ACS test		POTH-00A-500	P	500 g	552

1-PROPANOL

MW: 60,10 CAS: 71-23-8 EC: 200-746-9 EC INDEX: 603-003-00-0

IMDG: 3 II UN 1274 ADR: 3 II UN 1274 (D/E) IATA: 3 II UN 1274

$CH_3CH_2CH_2OH$

1-PROPANOL HPLC GGR	INSTRUKEM	reference	packaging		price kr
Assay > 99.5% Water (KF) < 0.05% Acidity < 0.0005meq/g Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 290 nm > 98% UV-Tr. (1cm;Wat.) 300 nm > 99%		PROL-1GH-2K5	G GL45	2,5 L	2152
		PROL-1GH-P04	G GL45	4 x 2,5 L	7175

2-PROPANOL

MW: 60,10 CAS: 67-63-0 EC: 200-661-7 EC INDEX: 603-117-00-0

IMDG: 3 II UN 1219 ADR: 3 II UN 1219 (D/E) IATA: 3 II UN 1219

$CH_3CH(OH)CH_3$

2-PROPANOL 99.9% GLR	BASICKEM	reference	packaging		price kr
Assay > 99.9% App. Colourless transparent liquid Colour (Hazen) < 10 Water < 0.1% Acid. (Acetic acid) < 0.001% Density at 20°C 0.784 - 0.786g/ml Refractive index 1.376 - 1.378 Non-Vol. Mat. < 0.001g/100ml		PROL-P0P-1K0	P COEX	1 L	130
		PROL-G0P-1K0	G PP28	1 L	137
		PROL-P0P-5K0	P COEX	5 L	433
		PROL-P0P-10K	P COEX	10 L	808
		PROL-M0P-25K	M	25 L	1904

2-PROPANOL AGR ACS, PH. EUR.	BASICKEM	reference	packaging		price kr
Assay > 99.8% Non-Vol. Mat. < 0.0005% H_2O < 0.1% Colour < 10Apha Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.00001% Mg < 0.00001% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001% Na < 0.0001% S < 0.00005% Zn < 0.00001% Acetone < 0.002% Ethanol < 0.01% Methanol < 0.1% Carbonyl comp. < 0.002% Subst. red. $KMnO_4$ < 0.0005% Density 0.784 - 0.786g/ml Res. on evap. < 0.001% Solub. in H_2O Acidity < 0.0001meq/g Alkalinity < 0.0001meq/g Benzene < 0.002% Abs. (230 nm) < 0.3nm Abs. (250 nm) < 0.1nm Abs. (270 nm) < 0.03nm Abs. (290 nm) < 0.020nm Abs. (310 nm) < 0.01nm		PROL-0IA-1K0	P GL45	1 L	194
		PROL-0IA-2K5	P GL45	2,5 L	355
		PROL-0IA-P04	P GL45	4x2,5 L	1339
		PROL-0IA-5K0	P	5 L	603

2-PROPANOL HPLC GGR	INSTRUKEM	reference	packaging		price kr
ACS Spec. passes test UV Absorbance UV-Abs. max. lim. (205 nm) < 1.0% UV-abs. max. lim. (220 nm) < 0.25% UV-Abs. max. lim. (230 nm) < 0.13% UV-Abs. max. lim. (254 nm) < 0.02% Assay > 99.8% Colour (Hazen) < 10 Water (KF) < 0.1% Res. on evap. < 0.0005% Acidity < 0.0001mEq/g Carbonyl comp. < 0.002%		PROL-2GH-2K5	G GL45	2,5 L	532
		PROL-2GH-P04	G GL45	4x2,5 L	1775

2-PROPANOL LC/MS LGR	INSTRUKEM	reference	packaging		price kr
Assay > 99.9% Filtered through 0.2 µm App. Clear colourless liquid H_2O (by KF) < 0.05% Colour (Hazen) < 5 Acid. (Acetic acid) < 0.002% Alkal. (Ammonia) < 0.002% Res. on evap. < 0.0005% Grad. elut. H. Peak (210 nm) < 0.002AU Grad. elut. H. Peak (254 nm) < 0.002AU T210nm > 40% T220nm > 80% T230nm > 90% T250nm > 98% Ca < 0.00001% Mg < 0.00001% Na < 0.00001% K < 0.00001%		PROL-LCM-2K5	G GL45	2,5 L	2672
		PROL-LCM-P04	G GL45	4x2,5 L	8906

PROPIONIC ACID 99%

MW: 74.08 CAS: 79-09-4 EC: 201-176-3 EC INDEX: 607-089-00-0

IMDG: 8 (3) II UN 3463 ADR: 8 (3) II UN 3463 (D/E) IATA: 8 (3) II UN 3463

CH_3CH_2COOH

PROPIONIC ACID 99% EPR	BASICKEM	reference	packaging		price kr
Assay > 99% Assay > 99% Density at 20°C 0.991 - 0.994g/ml Refractive index 1.386 - 1.388Refractive index 1.386 - 1.388		PRAC-00T-500	G GL45	500 ml	229

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

PUMICE STONE

CAS: 1332-09-8

PUMICE STONE, GRAINS 2-4 MM GLR	BASICKEM	reference	packaging		price kr
Grains 2 - 4mm		PUMI-00P-250	P	250 g	120

PYRIDINE

MW: 79,10 CAS: 110-86-1 EC: 203-809-9 EC INDEX: 613-002-00-7

IMDG: 3 II UN 1282 ADR: 3 II UN 1282 (D/E) IATA: 3 II UN 1282

C_5H_5N

PYRIDINE AGR			BASICKEM	reference	packaging		price kr
Assay > 99.5% Non-Vol. Mat. < 0.002 H_2O < 0.1% NH_3 < 0.001% Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005%	Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001%	Zn < 0.00001% Cl^- < 0.0005% SO_4 < 0.005% Subst. red. $KMnO_4$ < 0.0005% Piperidine < 0.01% 2-Picoline < 0.2% Solub. (1 mg/mL H_2O) Passes test Res. on evap. < 0.002%		PYRI-00A-1K0	G	1 L	1294

SALICYLIC ACID

MW: 138,12 CAS: 69-72-7 EC: 200-712-3

HOC_6H_4COOH

SALICYLIC ACID EPR		BASICKEM	reference	packaging		price kr
App. White crystals Assay > 98.0%	Melt. range 158 - 161°C Ash (SO_4) < 0.02%		SAAC-00P-500	P	500 g	277

SALICYLIC ACID AGR			BASICKEM	reference	packaging		price kr
Assay > 99.5% Melt. range 159 - 161°C Solub. in EtOH Passes test	Subs. carbon. by H_2SO_4 Passes test Cl^- < 0.005% Ash (SO_4) < 0.02%	Fe < 0.0005% SO_4 < 0.005% Heavy metals (Pb) < 0.0005%		SAAC-00A-500	P	500 g	325

SAND, CLEANED AND DRIED

MW: 60,1 CAS: 14808-60-7 EC: 238-878-4

SiO_2

SAND, CLEANED AND DRIED, FINE, 0.1-0.6 MM AUX				BASICKEM	reference	packaging		price kr
Round particles Assay (SiO_2) > 98.5% Density 2.5g/ml Part. Size 0.1 - 0.6mm	Loss on ign. < 0.35% pH (20% supension) 6.77 Al_2O_3 < 0.6% Fe_2O_3 < 0.15%	CaO < 0.1% MgO < 0.35% Na_2O < 0.28% K_2O < 0.25%	TiO_2 < 0.07% Heavy met. Exempt		SAND-001-1K0	P	1 kg	104
					SAND-001-5K0	P	5 kg	266

SAND, CLEANED AND DRIED, COARSE, 1-2 MM AUX				BASICKEM	reference	packaging		price kr
Round particles Assay (SiO_2) > 98.5% Density 2.49g/ml Part. Size 1 - 2mm	Loss on ign. < 0.35% pH (20% supension) 6.87 Al_2O_3 < 0.6% Fe_2O_3 < 0.15%	CaO < 0.1% MgO < 0.35% Na_2O < 0.28% K_2O < 0.25%	TiO_2 < 0.07% Heavy met. Exempt		SAND-002-1K0	P	1 kg	97
					SAND-002-5K0	P	5 kg	259

SILICA GEL FOR DESICCATOR *SEE P. 93*

SILICA GEL FOR CHROMATOGRAPHY *SEE P. 220*

SILICONE GREASE *SEE P. 139*

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

SILICONE OIL *SEE P. 280*

SILVER NITRATE

MW: 169,87 CAS: 7761-88-8 EC: 231-853-9 EC INDEX: 047-001-00-2

IMDG: 5.1 II UN 1493 ADR: 5.1 II UN 1493 (E) IATA: 5.1 II UN 1493

$AgNO_3$

SILVER NITRATE AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 99.9% Clarity of sol. Passes test Insol. matter < 0.003% Silver (Ag) > 63.4% Cl^- < 0.0001%	pH 3.8 - 6 H_2O < 0.05% Fe < 0.0001% Ca < 0.0005% Cu < 0.0001%	NO_2 < 0.0002% Pb < 0.0002% Subst not pptd by HCl < 0.01%		SINA-00A-025	G PP25	25 g	627
				SINA-00A-100	G PP25	100 g	1921

SILVER NITRATE, VOLUMETRIC SOLUTION

MW: 169.87 CAS: 7761-88-8

IMDG: 8 III UN 3082 ADR: 8 III UN 3082 (E) IATA: 8 III UN 3082

$AgNO_3$

SILVER NITRATE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA		BASICKEM	reference	packaging		price kr
Composition 16.987g $AgNO_3$/L Concentration (20°C) (M) 0.0998 - 0.1002M Concentration (20°C) (N) 0.0998 - 0.1002N	Tolerance (M) 0.0002M Tolerance (N) 0.0002N		SINA-01V-1K0	P GL45	1 L	726

SILVER SULFATE

MW: 311.8 CAS: 10294-26-5 EC: 233-653-7

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Ag_2SO_4

SILVER SULFATE AGR				BASICKEM	reference	packaging		price kr
Assay > 99.5% NO_3 < 0.001%	Ni < 0.001% Cl^- < 0.001%	Fe < 0.001% Cu < 0.0005%	Pb < 0.001% Zn < 0.0005%		SISU-00A-025	P	25 g	1811

SODIUM ACETATE ANHYDROUS

MW: 82.03 CAS: 127-09-3 EC: 204-823-8

CH_3COONa

SODIUM ACETATE ANHYDROUS EPR				BASICKEM	reference	packaging		price kr
Assay 99 - 101% Formic acid < 0.1% As < 0.0002% Hg < 0.00001% Heavy met. < 0.001%	pH (1%) 8 - 9.5 Loss on dry. < 0.5% Pb < 0.0002% Cd < 0.0001% Ca + Mg < 0.005%	Cl^- < 0.03% Fe < 0.0003% K < 0.05% SO_4 < 0.005% Acetic acid < 0.5%	App. white/hygrosc. powd. Insol. matter < 0.05%		SOAC-A0P-500	P	500 g	176
					SOAC-A0P-1K0	P	1 kg	263
SODIUM ACETATE ANHYDROUS AGR				BASICKEM	reference	packaging		price kr
Assay > 99% pH (5%) 7 - 9.2 Insol. matter < 0.01% Cl^- < 0.002%	PO_4 < 0.0005% Fe < 0.0005% Al < 0.001% Ca < 0.001%	SO_4 < 0.002% Cu < 0.0005% Mg < 0.0005% K < 0.03%	Pb < 0.0005%		SOAC-A0A-500	P	500 g	229

SODIUM ACETATE TRIHYDRATE

MW: 136.08 CAS: 6131-90-4 EC: 204-823-8

$CH_3COONa \cdot 3H_2O$

SODIUM ACETATE TRIHYDRATE EPR				BASICKEM	reference	packaging		price kr
Assay > 98% App. colourless crystals Insol. matter < 0.01% pH (5%, 20°C) 7.5 - 9.5	Cl^- < 0.005% Fe < 0.001% Al < 0.001% SO_4 < 0.01%	Ca < 0.005% Cu < 0.005% Mg < 0.002% Pb < 0.005%	Zn < 0.005%		SOAC-03P-1K0	P	1 kg	204

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

SODIUM ACETATE TRIHYDRATE AGR				BASICKEM	reference	packaging		price kr
Assay > 99% pH (5%, 20°C) 7.5 - 9.2 Insol. matter < 0.005%	Subst. red. $KMnO_4$ < 0.005% Cl^- < 0.001% PO_4 < 0.0005%	Fe < 0.0005% SO_4 < 0.002% Ca < 0.001%	Mg < 0.0005% K < 0.005% Pb < 0.0005%		SOAC-03A-500	P	500 g	150

SODIUM CARBONATE ANHYDROUS

MW: 105,99 CAS: 497-19-8 EC: 207-838-8 EC INDEX: 011-005-00-2

Na_2CO_3

SODIUM CARBONATE ANHYDROUS EPR			BASICKEM	reference	packaging		price kr
Assay > 99% Loss on dry. < 1.0% Cl^- < 0.3%	SO_4 < 0.04% Fe < 0.0035% As < 0.0002%	Hg < 0.0001% Pb < 0.0002% Density approx. 0.48 - 0.61g/ml		SOCA-00P-500	P	500 g	149
				SOCA-00P-1K0	P	1 kg	146
				SOCA-00P-5K0	P	5 kg	484

SODIUM CARBONATE ANHYDROUS AGR			BASICKEM	reference	packaging		price kr
Assay 99.5 - 100.5% Loss on dry. (300 °C) < 1% H_2O < 0.5% Cl^- < 0.0125%	EP and USP Conforms FCC (FDA) Conforms Fe < 0.001% SO_4 < 0.003%	Heavy metals (Pb) < 0.001% As < 0.0003% Pb < 0.0002% Hg < 0.0001%		SOCA-A0A-500	P	500 g	154

SODIUM CHLORIDE

MW: 58,44 CAS: 7647-14-5 EC: 231-598-3

NaCl

SODIUM CHLORIDE EPR		BASICKEM	reference	packaging		price kr
Assay > 99.8% Res. on roast. < 1.5% Insol. matter < 0.01% Total N < 0.002% I^- < 0.012% Ba < 0.01% Fe < 0.001%	Heavy metals (Pb) < 0.001% SO_4 < 0.01% Ca < 0.008% Mg < 0.005% K < 0.05% As < 0.0001%		SOCH-00T-500	P	500 g	104
			SOCH-00T-1K0	P	1 kg	120

SODIUM CHLORIDE AGR		BASICKEM	reference	packaging		price kr
App. Colourless crystals / white powder Assay > 99.9% Insol. matter < 0.005% pH (5%, 20°C) 5.0 - 8.0 Loss on roast. < 1.0% N < 0.001% Halid. (Br, I, F) < 0.1% SO_4 < 0.003%	Heavy met. < 0.0005% As < 0.00005% Ba < 0.003% Ca < 0.004% Fe < 0.0005% K < 0.03% Mg < 0.002% Abs. of Cu/Ni Passes test		SOCH-00A-500	P	500 g	107
			SOCH-00A-1K0	P	1 kg	126
			SOCH-00A-5K0	P	5 kg	406

SODIUM CHLORIDE FOR SALT SPRAY CHAMBER ASTM B117-19 / ISO-9227:2022 AGR		BASICKEM	reference	packaging		price kr
Assay > 99.6% NaI < 0.1% Halid. (Br, I, F) < 0.1% Cu < 0.00003% Ni < 0.001%	Cu, Ni, Pb < 0.005% Total Imp. < 0.2% The salt does not contain anti-caking agents According to ASTM B117-19 According to ISO 9227:2022		SOCH-0SA-5K0	P	5 kg	349
			SOCH-0SA-25K	P	25 kg	1732

TRI-SODIUM CITRATE DIHYDRATE

MW: 294,10 CAS: 6132-04-3 EC: 200-675-3

$C_6H_5Na_3O_7 \cdot 2H_2O$

TRI-SODIUM CITRATE DIHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% pH (5%, 20°C) 7 - 9 Insol. matter < 0.005%	Cl^- < 0.001% Ammo. salts (NH_4) < 0.001% PO_4 < 0.002%	Fe < 0.0005% SO_4 < 0.005% Pb < 0.0005%		SOCI-02A-500	P	500 g	234

SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS

MW: 119.98 CAS: 7558-80-7 EC: 231-449-2

NaH_2PO_4

SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS AGR			BASICKEM	reference	packaging		price kr
Assay > 99% App. White powder Insol. matter < 0.005%	pH (5%, 20°C) 4 - 4.5 Cl^- < 0.003% Fe < 0.003%	Heavy metals (Pb) < 0.002% Ca < 0.005% SO_4 < 0.005%	Cu < 0.005% K < 0.03% Zn < 0.005%	SODH-00A-500	P	500 g	289

SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE

MW: 156,01 CAS: 13472-35-0

$NaH_2PO_4 \cdot 2H_2O$

SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% App. colourless/white powd. Insol. matter < 0.005% pH (5%, 20°C) 4.1 - 4.5	Cl^- < 0.001% Loss on dry. 22.8 - 24% Total N < 0.002% Fe < 0.002%	SO_4 < 0.005% Heavy metals (Pb) < 0.001% Ca < 0.005% Mg < 0.001%	As < 0.0002%	SODH-02A-500	P	500 g	210

SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE

MW: 137.99 CAS: 10049-21-5 EC: 231-449-2

$NaH_2PO_4 \cdot H_2O$

SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Insol. matter < 0.005% pH (5%, 20°C) 4.5	Total N < 0.002% Cl^- < 0.001% Fe < 0.002%	Heavy metals (Pb) < 0.001% SO_4 < 0.005% Ca < 0.005%	Mg < 0.001% As < 0.0001%	SODH-01A-500	P	500 g	348

SODIUM HEXAMETAPHOSPHATE

CAS: 68915-31-1 EC: 272-808-3 TARIC code: 28353900

$(NaPO_3)_n$

SODIUM HEXAMETAPHOSPHATE GLR	BASICKEM	reference	packaging		price kr
Assay (as P_2O_5) 65 – 70%		SOHM-00P-500	P	500 g	326

SODIUM HYDROGEN CARBONATE

MW: 84,01 CAS: 144-55-8 EC: 205-633-8

$NaHCO_3$

SODIUM HYDROGEN CARBONATE EPR			BASICKEM	reference	packaging		price kr
App. White powder Assay 99 - 101% Insol. matter < 0.02% pH (5%, 20°C) 8 - 8.6 Cl^- < 0.01%	SO_4 < 0.01% NH_4 < 0.002% Heavy metals (Pb) < 0.001% As < 0.0002% Al < 0.0002%	Ca < 0.01% Fe < 0.002% K < 0.04%		SOHC-00P-500	P	500 g	134
				SOHC-00P-1K0	P	1 kg	169
SODIUM HYDROGEN CARBONATE AGR			BASICKEM	reference	packaging		price kr
Assay 99 - 101% Subst. Red. I_2 < 0.005% Insol. matter < 0.01% Cl^- < 0.01%	PO_4 < 0.002% NH_4 < 0.001% Fe < 0.001% SO_4 < 0.005%	Heavy metals (Pb) < 0.0005% Ca < 0.005% Mg < 0.005% K < 0.005%		SOHC-00A-500	P	500 g	243

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE

MW: 177.99 CAS: 10028-24-7 EC: 231-448-7

$Na_2HPO_4 \cdot 2H_2O$

DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE EPR				BASICKEM	reference	packaging		price kr
Assay > 98% Insol. matter < 0.01% pH (5%, 20°C) 8.7 - 9.3	Loss on dry. 19.5 - 21% Cl^- < 0.002% Fe < 0.002%	Heavy metals (Pb) < 0.002% Cu < 0.002% SO_4 < 0.02%	K < 0.01% Zn < 0.002%		SOPH-02P-1K0	P	1 kg	243
DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE AGR				BASICKEM	reference	packaging		price kr
Assay 99 - 101% Insol. matter < 0.005% pH (5%, 20°C) 8.9 - 9.2	Loss on dry. 19.5 - 21% Cl^- < 0.001% Fe < 0.001%	Heavy metals (Pb) < 0.001% Cu < 0.001% SO_4 < 0.005%	K < 0.005% Zn < 0.001%		SOPH-02A-500	P	500 g	342

DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE

MW: 358,14 CAS: 10039-32-4 EC: 231-448-7

$Na_2HPO_4 \cdot 12H_2O$

DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE EPR			BASICKEM	reference	packaging		price kr
Assay 98 - 102% App. White crystals/powder Insol. matter < 0.01% Cl^- < 0.005%	Total N < 0.002% pH (5%, 20°C) 9 - 9.5 Fe < 0.002% SO_4 < 0.02%	Heavy metals (Pb) < 0.002% As < 0.0005%		SOPH-12P-500	P	500 g	169
				SOPH-12P-1K0	P	1 kg	286

SODIUM HYDROXIDE

MW: 40,00 CAS: 1310-73-2 EC: 215-185-5 EC INDEX: 011-002-00-6

IMDG: 8 II UN 1823 ADR: 8 II UN 1823 (E) IATA: 8 II UN 1823

NaOH

SODIUM HYDROXIDE PEARLS 1-2 MM EPR				BASICKEM	reference	packaging		price kr
Assay > 98.0% Na_2CO_3 < 1.0% Total N < 0.0007%	Cl^- < 0.015% PO_4 < 0.002% SiO_2 < 0.008%	SO_4 < 0.005% Heavy met. < 0.002% Al < 0.002%	Ca < 0.005% Fe < 0.0015%		SOHY-P0T-500	P	500 g	119
					SOHY-P0T-1K0	P	1 kg	197
SODIUM HYDROXIDE PEARLS 1-2 MM AGR				BASICKEM	reference	packaging		price kr
Assay > 98% Na_2CO_3 < 0.7% Total N < 0.0005% Cl^- < 0.005% PO_4 < 0.001% SiO_2 < 0.005%	SO_4 < 0.003% Heavy metals (Pb) < 0.001% Ag < 0.0005% Al < 0.001% Ba < 0.0005% Ca < 0.001%	Cd < 0.0005% Co < 0.0005% Cu < 0.0005% Fe < 0.0005% Mg < 0.0005% Mn < 0.0005%	Ni < 0.0005% Pb < 0.0005% Sr < 0.0005% Zn < 0.0005%		SOHY-P0A-500	P	500 g	135
					SOHY-P0A-1K0	P	1 kg	176
					SOHY-P0A-5K0	P	5 kg	1043
SODIUM HYDROXIDE AGR MICROPEARLS LOW IN METALS				BASICKEM	reference	packaging		price kr
Assay > 99.0% Na_2CO_3 < 0.4% NaCl < 0.03% Na_2SO_4 < 0.012%	As < 0.0001% Fe < 0.001% Hg < 0.00005% Ni < 0.005%	Pb < 0.00005% Ca < 0.001% Cr < 0.0002% Si < 0.002%			SOHY-M0P-500	P	500 g	120
					SOHY-M0P-1K0	P	1 kg	163
					SOHY-M0P-5K0	P	5 kg	441

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

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GRADES, FAMILIES and PACKAGING information on p. 352

SODIUM HYDROXIDE SOLUTION

MW: 40,00 CAS: 1310-73-2 EC: 215-185-5

IMDG: 8 II UN 1824 ADR: 8 II UN 1824 (E) IATA: 8 II UN 1824

NaOH

SODIUM HYDROXIDE 32% W/V AGR	BASICKEM	reference	packaging		price kr
Assay (W/V) ~32% Composition 432g NaOH/ l N < 0.0001% Cl^- < 0.001% Na_2CO_3 < 0.5% S < 0.0001% CN < 0.0001% SiO_2 < 0.01% SO_4 < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0002% Al < 0.0005%		SOHY-32A-5K0	P	5 L	654

SODIUM HYDROXIDE 40% W/W AGR	BASICKEM	reference	packaging		price kr
App. Colourless liquid Assay 39 - 41% Density (20 °C/4 °C) Approx. - 1.43g/cm Cl^- < 0.005% SO_4 < 0.01% Na_2CO_3 < 0.1% Fe < 0.0005% Pb < 0.001%		SOHY-40A-5K0	P	5 L	844
		SOHY-40A-10K	P	10 L	1606

SODIUM HYDROXIDE, VOLUMETRIC SOLUTIONS

MW: 40,00 CAS: 1310-73-2 EC: 215-185-5 EC INDEX: 011-002-00-6

IMDG: 8 II UN 1824 ADR: 8 II UN 1824 (E) IATA: 8 II UN 1824

NaOH

SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICKEM	reference	packaging		price kr
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N Tolerance (M) 0.0001M Tolerance (N) 0.0001N		SOHY-01V-1K0	P	1 L	140
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.5 M (0.5 N) VSA	**BASICKEM**	**reference**	**packaging**		**price kr**
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.4995 - 0.5005N Tolerance (M) 0.0005M Tolerance (N) 0.0005N		SOHY-05V-1K0	P	1 L	140
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 1.0 M (1.0 N) VSA	**BASICKEM**	**reference**	**packaging**		**price kr**
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N Tolerance (M) 0.001M Tolerance (N) 0.001N		SOHY-1V0-1K0	P	1 L	144
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 2.0 M (2.0 N) VSA	**BASICKEM**	**reference**	**packaging**		**price kr**
Concentration (M) 1.998 - 2.002M Concentration (N) 1.998 - 2.002N Tolerance (M) 0.002M Tolerance (N) 0.002N		SOHY-2V0-1K0	P	1 L	151
		SOHY-2V0-5K0	P	5 L	375
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 5.0 M (5.0 N) VSA	**BASICKEM**	**reference**	**packaging**		**price kr**
Concentration (M) 4.995 - 5.005M Concentration (N) 4.995 - 5.005N Tolerance (M) 0.005M Tolerance (N) 0.005N		SOHY-5V0-1K0	P	1 L	219
SODIUM HYDROXIDE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.1 M (0.1 N) VSA	**BASICKEM**	**reference**	**packaging**		**price kr**
Concentration after dilution to 1L (20°C) (M) 0.0998 - 0.1002M Concentration after dilution to 1L (20°C) (N) 0.0998 - 0.1002N		SOHY-01C-1K0	P	1 amp.	115
SODIUM HYDROXIDE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 1.0 M (1.0 N) VSA	**BASICKEM**	**reference**	**packaging**		**price kr**
Concentration after dilution to 1L (20°C) (M) 0.998 - 1.002M Concentration after dilution to 1L (20°C) (N) 0.998 - 1.002N		SOHY-1C0-1K0	P	1 amp.	168

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

SODIUM IODIDE

MW: 149,89 CAS: 7681-82-5 EC: 231-679-3

NaI

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

SODIUM IODIDE AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 99.5% App. white crystalline powd. pH (5%) 6 - 9 Cl^- and Br^- (Cl) < 0.01%	IO_3 < 0.0003% PO_4 < 0.001% Loss on dry. (105 °C) < 0.5% SO_4 < 0.005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.002% K < 0.01%		SOIO-00A-100	P	100 g	911

SODIUM METABISULFITE

MW: 190.11 CAS: 7681-57-4 EC: 231-673-0 EC INDEX: 016-063-00-2

$Na_2S_2O_5$

SODIUM METABISULFITE AGR			BASICKEM	reference	packaging		price kr
Assay > 98% App. white/crystalline powder Insol. matter < 0.005%	Cl^- < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.002%	As < 0.00005%		SOMB-00A-1K0	P	1 kg	419

SODIUM MOLYBDATE DIHYDRATE

MW: 241,95 CAS: 10102-40-6 EC: 231-551-7

$Na_2MoO_4 \cdot 2H_2O$

SODIUM MOLYBDATE DIHYDRATE AGR ACS				BASICKEM	reference	packaging		price kr
Assay 99 - 102% Insol. matter < 0.005% Reaction (pH) 7 - 10.5	Cl^- < 0.001% NO_3 < 0.005% PO_4 < 0.001%	NH_4 < 0.01% SO_4 < 0.02% Fe < 0.001%	Cu < 0.002% Pb < 0.001%		SOMO-02A-100	P	100 g	468

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

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PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

SODIUM NITRATE

MW: 84,99 CAS: 7631-99-4 EC: 231-554-3 TARIC code: 31025000 Restriction: Explosives precursor

$NaNO_3$

IMDG: 5.1 III UN 1498 ADR: 5.1 III UN 1498 IATA: 5.1 III UN 1498

SODIUM NITRATE 99% EPR			BASICKEM	reference	packaging		price kr
Assay > 99.5% Insol. matter < 0.01% H_2O < 1.0% NO_2 < 0.0005%	Cl^- < 0.005% ClO_3^- and ClO_4^- (Cl) < 0.006% PO_4 < 0.001% SO_4 < 0.02%	Heavy metals (Pb) < 0.001% Ca < 0.004% Fe < 0.002% Mg < 0.003%		SONA-00T-500	P	500 g	161

SODIUM NITRATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99.5% App. white powder Insol. matter < 0.005% pH (5%, 20°C) 5 - 7.5 Cl^- < 0.0005% H_2O < 1%	PO_4 < 0.0002% ClO_3^- and ClO_4^- (Cl) < 0.003% SO_4 < 0.003% Fe < 0.0002% Heavy metals (Pb) < 0.0005% NH_4 salts < 0.002%	Ca < 0.002% Mg < 0.001% K < 0.005% NO_2 < 0.0002%		SONA-00A-500	P	500 g	175

SODIUM NITRITE

MW: 69,00 CAS: 7632-00-0 EC: 231-555-9

$NaNO_2$

IMDG: 5.1 (6.1) III UN 1500 ADR: 5.1 (6.1) III UN 1500 IATA: 5.1 (6.1) III UN 1500

SODIUM NITRITE AGR			BASICKEM	reference	packaging		price kr
Assay > 98% Insol. matter < 0.005% Cl^- < 0.01%	Fe < 0.001% Heavy metals (Pb) < 0.0005% K < 0.005%	SO_4 < 0.015%		SONI-00A-500	P	500 g	242

SODIUM OXALATE

MW: 134,00 CAS: 62-76-0 EC: 200-550-3 EC INDEX: 607-007-00-3

$Na_2C_2O_4$

SODIUM OXALATE AGR			BASICKEM	reference	packaging		price kr
Assay > 99.8% pH (3%) 7.5 - 8.5 Total N < 0.001%	Cl^- < 0.002% Loss on dry. (105 °C) < 1% Fe < 0.0005%	Heavy metals (Pb) < 0.001% SO_4 < 0.02% K < 0.005%		SOOX-00A-500	P	500 g	299

SODIUM SULFATE ANHYDROUS

MW: 142,04 CAS: 7757-82-6 EC: 231-820-9

Na_2SO_4

SODIUM SULFATE ANHYDROUS EPR			BASICKEM	reference	packaging		price kr
App. White powder Assay > 99% Insol. matter < 0.02% pH (5%, 20°C) 5.2 - 7.5	Loss on roast. < 1% Cl^- < 0.005% Heavy metals (Pb) < 0.0005% As < 0.0002%	Ca < 0.01% Fe < 0.001% K < 0.01% Mg < 0.002%		SOSU-00T-500	P	500 g	126
				SOSU-00T-1K0	P	1 kg	174

SODIUM SULFATE ANHYDROUS AGR			BASICKEM	reference	packaging		price kr
Assay > 99% Insol. matter < 0.01% pH (5%, 20°C) 5.2 - 7.5 Res. on roast. < 0.5% Cl^- < 0.002%	Total N < 0.0005% PO_4 < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.005%	Mg < 0.001% K < 0.005% As < 0.0001%		SOSU-AGA-500	P	500 g	136
				SOSU-AGA-1K0	P	1 kg	222
				SOSU-AGA-5K0	P	5 kg	990

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

SODIUM SULFITE ANHYDROUS

MW: 126,04 CAS: 7757-83-7 EC: 231-821-4

Na_2SO_3

SODIUM SULFITE ANHYDROUS AGR			BASICKEM	reference	packaging		price kr
Appearance Colourless clear crystals - colourless clear crystals Assay > 96% insol. in water < 0.01% Cl^- < 0.01%	Thiosulphate < 0.04% Carbonates (Na_2CO_3) < 0.15% As < 0.00004% Ca < 0.005% Cu < 0.0005%	Fe < 0.001% Pb < 0.0005% Zn < 0.0005%		SOSL-00A-500	P	500 g	151

DI-SODIUM TETRABORATE DECAHYDRATE

MW: 381.37 CAS: 1303-96-4 EC: 215-540-4 EC INDEX: 005-011-01-1

$Na_2B_4O_7 \cdot 10H_2O$

DI-SODIUM TETRABORATE DECAHYDRATE AGR			BASICKEM	reference	packaging		price kr
App. Colourless crystals/ white powder Assay 99.5 - 100.5% insol. in water < 0.005% pH (25°C) 9.15 - 9.20	Cl^- < 0.001% PO_4 < 0.001% SO_4 < 0.005% Heavy metals (Pb) < 0.001%	Ca < 0.005% Fe < 0.0005%		BORX-00A-500	P	500 g	198

SODIUM THIOSULFATE PENTAHYDRATE

MW: 248,21 CAS: 10102-17-7 EC: 231-867-5

$Na_2S_2O_3 \cdot 5H_2O$

SODIUM THIOSULFATE PENTAHYDRATE EPR				BASICKEM	reference	packaging		price kr
App. Colourless crystals Assay 99 - 101% Insol. matter < 0.01%	pH (5%, 20°C) 6 - 7.5 SO_4 < 0.1% S < 0.0005%	Heavy metals (Pb) < 0.001% Ca < 0.005% Fe < 0.001%	K < 0.01% Mg < 0.005%		SOTH-05T-500	P	500 g	207
					SOTH-05T-1K0	P	1 kg	274
SODIUM THIOSULFATE PENTAHYDRATE AGR				BASICKEM	reference	packaging		price kr
App. Colourless cryst. Assay 99.5 - 100.5% Insol. matter < 0.005% Reaction (pH) 6.0 - 7.5	N Comp. (N) < 0.002% Cl^- < 0.01% SO_4 < 0.05% S < 0.0001%	Pb < 0.0005% Ca < 0.002% Fe < 0.0005% K < 0.005%	Mg < 0.001%		SOTH-05A-500	P	500 g	240
					SOTH-05A-1K0	P	1 kg	348

SODIUM THIOSULFATE, VOLUMETRIC SOLUTIONS

MW: 158,11 CAS: 10102-17-7 EC: 231-867-5

$Na_2S_2O_3$

SODIUM THIOSULFATE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA		BASICKEM	reference	packaging		price kr
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.0001M Tolerance (N) 0.0001N		SOTH-01V-1K0	P GL45	1 L	158
SODIUM THIOSULFATE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.1 M (0.1 N) VSA		BASICKEM	reference	packaging		price kr
Conc. after dil. to 1L (20°C) (M) 0.0998 - 0.1002M	Conc. after dil. to 1L (20°C) (M) 0.0998 - 0.1002M		SOTH-01C-1K0	P	1 amp.	172

SODIUM TRISILICATE, SOLUTION

CAS: 1344-09-8 EC: 215-687-4

$Na_2O \cdot nSiO_2 \cdot nH_2O$

SODIUM TRISILICATE, SOLUTION GLR			BASICKEM	reference	packaging		price kr
App. Colourless-grey liquid M. module SiO_2/Na_2O 2.4 - 2.6 SiO_2 and Na_2O > 39%	Density at 20°C 1.45 - 1.48g/ml Fe_2O_3 < 0.01% CaO < 0.1%	Viscosity (20°C) > 100cP Insol. in water, filt. glass < 0.02% Insol. in water, sediment. glass < 0.1%		SOTS-00P-1K0	P	1 L	157

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GRADES, FAMILIES and PACKAGING information on p. 352

SOLVENTS FOR CHROMATOGRAPHY *SEE P. 222*

STAINS AND DYES FOR HISTOLOGY/PATHOLOGY *SEE P. 52*

STARCH

MW: (162,1)n CAS: 9005-84-9 EC: 232-686-4 $(C_6H_{10}O_5)n$

STARCH AGR	BASICKEM	reference	packaging		price kr
App. White powder Solub. in H_2O Passes test Sensitivity Passes test	Loss on dry. < 12% pH (6%,20ºC) Approx. 6.5% Reducing subst. Passes test	Ash (SO_4) < 0.4%	STAR-00A-500	P	500 g	415

STARCH, INDICATOR *SEE P. 418*

D(+)-SUCROSE

CAS: 57-50-1 MW: 342,29 EC: 200-334-9 TARIC code: 17019910 $C_{12}H_{22}O_{11}$

D(+)-SUCROSE AGR	BASICKEM	reference	packaging		price kr
Assay > 99.8% Insol. matter < 0.003% Res. on ignition < 0.01%	Cl^- < 0.001% SO_4 < 0.005% Inv. sugr < 0.1%	SUCR-00A-500	P	500 g	160
		SUCR-00A-1K0	P	1 kg	308
		SUCR-00A-5K0	P	5 kg	690

SULFAMIC ACID

MW: 97,09 CAS: 5329-14-6 EC: 226-218-8 EC INDEX: 016-026-00-0 H_3NO_3S

IMDG: 8 III UN 2967 ADR: 8 III UN 2967 (E) IATA: 8 III UN 2967

SULFAMIC ACID AGR	BASICKEM	reference	packaging		price kr
Assay 99.3 - 100.3% Insol. matter < 0.01% Res. on ignition < 0.01% Cl^- < 0.001%	Ni < 0.001% Fe < 0.0005% Heavy metals (Pb) < 0.001% Cu < 0.001%	SO_4 < 0.05% Pb^{+} < 0.001%	SLAC-00A-250	P	250 g	277
			SLAC-00A-500	P	500 g	361

SULFUR POWDER

MW: 32,06 CAS: 7704-34-9 EC: 231-722-6 S

IMDG: 4.1 III UN 1350 ADR: 4.1 III UN 1350 (E) IATA: 4.1 III UN 1350

SULFUR POWDER AGR	BASICKEM	reference	packaging		price kr
Assay > 99.9% App. Fine yellow powder	Acids (H_2SO_4) < 0.005% Organic comp. < 0.015%	Ash < 0.02% Water < 0.1%	Solub. in NaOH Passes test As < 0.00001%	SUPW-00A-500	P	500 g	334

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

SULFURIC ACID

MW: 98.08 CAS: 7664-93-9 EC: 231-639-5 TARIC code: 28070000 Restriction: Drugs precursor Cat. 3 + Explosives

IMDG: 8 II UN 1830 ADR: 8 II UN 1830 (E) IATA: 8 II UN 1830

H_2SO_4

SULFURIC ACID 25% AGR — BASICKEM

Assay > 25%
Density at 20°C 1.176 - 1.180g/ml
Res. on ignition < 0.001%
NO_3 < 0.0005%
Cl^- < 0.0001%
NH_4 < 0.0003%
Heavy metals (Pb) < 0.0002%
Fe < 0.0001%

reference	packaging		price kr
SUAC-25A-1K0	GLASS PACK	1 L	147

SULFURIC ACID 91% FOR GERBER METHOD AGR — BASICKEM

Assay > 91%
Subst. red. $KMnO_4$ < 0.0003%
Se < 0.0003%
NO_3 < 0.001%
Cl^- < 0.0001%
NH_4 < 0.0003%
Res. on ignition < 0.001%
Fe < 0.0001%
Heavy metals (Pb) < 0.0002%
As < 0.000005%

reference	packaging		price kr
SUAC-90A-1K0	GLASS PACK	1 L	130
SUAC-90A-5K0	P	5 L	606

SULFURIC ACID 95% (NITROGEN-FREE) AGR — BASICKEM

Assay > 95%
Density at 20°C approx 1.83g/ml
Residue on roasting < 0.001%
Substances reducing $KMnO_4$ < 0.0003%
Total Nitrogen does not contain%
Chlorides (Cl) < 0.0001%
Heavy metals (Pb) < 0.0002%
Aluminum (Al) < 0.0001%
Arsenic (As) < 0.000005%
Barium (Ba) < 0.00005%
Calcium (Ca) < 0.00005%
Cadmium (Cd) < 0.00005%
Cobalt (Co) < 0.00005%
Chromium (Cr) < 0.00005%
Copper (Cu) < 0.00005%
Iron (Fe) < 0.0001%
Magnesium (Mg) < 0.00005%
Manganese (Mn) < 0.00005%
Nickel (Ni) < 0.00005%
Lead (Pb) < 0.0002%
Selenium (Se) < 0.0003%
Strontium (Sr) < 0.00005%
Zinc (Zn) < 0.00005%

reference	packaging		price kr
SUAC-95N-1K0	GLASS PACK	1 L	362

SULFURIC ACID 95-98% EPR — BASICKEM

Assay > 95%
Subst. red. $KMnO_4$ < 0.001%
NO_3 < 0.002%
Cl^- < 0.0005%
NH_4 < 0.001%
Res. on ignition < 0.005%
Density at 20°C 1.832g/ml
Fe < 0.0005%
Heavy metals (Pb) < 0.0005%
As < 0.00001%

reference	packaging		price kr
SUAC-00T-1K0	GLASS PACK	1 L	140
SUAC-00T-2K5	P	2,5 L	626
SUAC-00T-5K0	P	5 L	329

SULFURIC ACID 95-98% AGR — BASICKEM

App. Clear/colourless liq.
Assay > 95%
Density at 20°C > 1.832g/ml
Res. on ignition < 0.001%
Subst. red. $KMnO_4$ < 0.0003%
Cl^- < 0.0001%
NO_3 < 0.001%
Ni < 0.00005%
Fe < 0.0001%
Heavy metals (Pb) < 0.0002%
Ca < 0.00005%
Cu < 0.00005%
Mg < 0.00005%
As < 0.000005%
Pb < 0.0002%

reference	packaging		price kr
SUAC-95A-1K0	GLASS PACK	1 L	140
SUAC-95A-2K5	P	2,5 L	339

SULFURIC ACID 95-97% AGR ISO — BASICKEM

Assay 95 - 97%
Res. on ignition < 0.0005%
Cl^- < 0.000005%
NO_3 < 0.00002%
NH_4 < 0.0001%
Subst. red. $KMnO_4$ < 0.0002%
As < 0.000003%
Se < 0.0003%
Cd < 0.00001%
Cu < 0.00001%
Fe < 0.00002%
Pb < 0.00001%
Zn < 0.00001%

reference	packaging		price kr
SUAC-6IA-1K0	P GLASS	1 L	232
SUAC-6IA-2K5	P GLASS	2,5 L	404
SUAC-6IA-P04	P GLASS	4x2,5 L	1380

SULFURIC ACID 98% AGR — BASICKEM

Assay > 98%
Density at 20°C approx 1.836g/ml
Res. on roast. < 0.001%
Cl^- < 0.0001%
Subst. red. $KMnO_4$ < 0.0003%
NH_4 < 0.0003%
NO_3 < 0.001%
Heavy metals (Pb) < 0.0002%
Al < 0.0001%
As < 0.000005%
Ba < 0.00005%
Ca < 0.00005%
Cd < 0.00005%
Cr < 0.00005%
Fe < 0.0001%
Mg < 0.0002%
Mn < 0.00005%
Ni < 0.00005%
Pb < 0.0002%
Zn < 0.00005%

reference	packaging		price kr
SUAC-00A-1K0	GLASS PACK	1 L	195

SULFURIC ACID, VOLUMETRIC SOLUTIONS

MW: 98.08 CAS: 7664-93-9 EC: 231-639-5 TARIC code: 28070000 Restriction: Drugs precursor Cat. 3 + Explosives

IMDG: 8 II UN 2796 ADR: 8 II UN 2796 (E) IATA: 8 II UN 2796

H_2SO_4

SULFURIC ACID, VOLUMETRIC SOLUTION 0.05 M (0.1 N) VSA	BASICKEM	reference	packaging		price kr
Concentration (M) 0.04995 - 0.05005M Concentration (N) 0.0999 - 0.1001N Tolerance (M) 0.00005M Tolerance (N) 0.0001N		SUAC-01V-1K0	P	1 L	152
SULFURIC ACID, VOLUMETRIC SOLUTION 0.5 M (1.0 N) VSA	BASICKEM	reference	packaging		price kr
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.999 - 1.001N Tolerance (M) 0.0005M Tolerance (N) 0.001N		SUAC-1V0-1K0	P	1 L	133
SULFURIC ACID, VOLUMETRIC SOLUTION 1.0 M (2.0 N) VSA	BASICKEM	reference	packaging		price kr
Concentration (M) 0.999 - 1.001M Concentration (N) 1.998 - 2.002N Tolerance (M) 0.001M Tolerance (N) 0.002N		SUAC-2V0-1K0	P	1 L	165

SULFURIC ACID, CONCENTRATED VOLUMETRIC SOLUTIONS

MW: 98.08 CAS: 7664-93-9 EC: 231-639-5 TARIC code: 28070000 Restriction: Drugs precursor Cat. 3 + Explosives

IMDG: 8 II UN 2796 ADR: 8 II UN 2796 (E) IATA: 8 II UN 2796

H_2SO_4

SULFURIC ACID, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.5 M (1 N) VSA	BASICKEM	reference	packaging		price kr
Conc. after dil. to 1L (20°C) (M) 0.499 - 0.501M Conc. after dil. to 1L (20°C) (N) 0.998 - 1.002N		SUAC-1C0-1K0	P	1 amp.	237

SUPPLEMENTS FOR CULTURE MEDIA *SEE P. 46*

L(+)-TARTARIC ACID

MW: 150,08 CAS: 87-69-4 EC: 201-766-0

$C_4H_6O_6$

L(+)-TARTARIC ACID AGR	BASICKEM	reference	packaging		price kr
Assay > 99.5% Ash (SO_4) < 0.02% Insol. matter < 0.005% SO_4 < 0.01% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Pb < 0.0005%		TRAC-L0A-500	P	500 g	608

TETRACHLOROETHYLENE

MW: 165,83 CAS: 127-18-4 EC: 204-825-9 EC INDEX: 602-028-00-4

IMDG: 6.1 III UN 1897 ADR: 6.1 III UN 1897 IATA: 6.1 III UN 1897

C_2Cl_4

TETRACHLOROETHYLENE 99.9% GLR	BASICKEM	reference	packaging		price kr
Assay > 99.9% App. Colourless/clear liquid Colour (Hazen) < 15 H_2O < 0.003% Alkalinity < 0.003% Density at 20°C 1.62 - 1.625g/ml Stabilizer (N-methylmorpholine) 0.0006 - 0.002% Res. on evap. < 0.003%		TTCE-G0P-1K0	G PP26	1 L	210
		TTCE-P0P-5K0	P CDEX	5 L	723
		TTCE-M0P-25K	M	25 L	3268

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

TETRAHYDROFURAN

MW: 72.11 CAS: 109-99-9 EC: 203-726-8 EC INDEX: 603-025-00-0

IMDG: 3 II UN 2056 ADR: 3 II UN 2056 IATA: 3 II UN 2056

C_4H_8O

TETRAHYDROFURAN HPLC GGR			INSTRUKEM	reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005meq/g	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 240 nm > 70% UV-Tr. (1cm;Wat.) 250 nm > 80%	UV-Tr. (1cm;Wat.) 260 nm > 90% UV-Tr. (1cm;Wat.) 270 nm > 98% UV-Tr. (1cm;Wat.) 280 nm > 99%		TETR-0GH-2K5	G GL45	2,5 L	2037
				TETR-0GH-P04	G GL45	4 x 2,5 L	6791

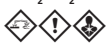
THYMOL BLUE *SEE P. 418*

TIN (II) CHLORIDE DIHYDRATE

MW: 225,63 CAS: 10025-69-1 EC: 231-868-0

IMDG: 8 II UN 3260 ADR: 8 II UN 3260 (E) IATA: 8 II UN 3260

$SnCl_2 \cdot 2H_2O$



TIN (II) CHLORIDE DIHYDRATE AGR			BASICKEM	reference	packaging		price kr
App. Colourless crystals Assay > 99% Insoluble in HCl < 0.05% Na+K+Ca < 0.02%	Fe < 0.002% As < 0.00005% Heavy met. < 0.01% SO_4 < 0.0025%			TICH-02A-100	P	100 g	400

TIN, GRANULATED

MW: 118,71 CAS: 7440-31-5 EC: 231-141-8

Sn

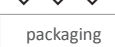
TIN, GRANULATED AGR			BASICKEM	reference	packaging		price kr
Assay > 99% As < 0.04% Cu < 0.02%	Fe < 0.01% Pb < 0.05% Sb < 0.04%			TIMT-G0A-250	P	250 g	850

TOLUENE

MW: 92.14 CAS: 108-88-3 EC: 203-625-9 EC INDEX: 601-021-00-3 TARIC code: 29023000 Restriction: Drugs precursor Cat. 3 + Hydrocarbons

IMDG: 3 II UN 1294 ADR: 3 II UN 1294 (D/E) IATA: 3 II UN 1294

$C_6H_5CH_3$



TOLUENE GLR			BASICKEM	reference	packaging		price kr
Assay > 99.8% App. Clear liquid Colour (Hazen) < 20 Non-arom. Hydrocarb. < 0.2% Benzene < 0.02%	Acidity < 0.001% S comp.(SH_2, SO_2) Not det. Density at 15 °C 0.869 - 0.873g/ml Boiling range 110.5 - 110.7°C Acid Wash Test < 1			TOLN-G0P-1K0	G PP28	1 L	N/A
				TOLN-M0P-5K0	M	5 L	N/A
				TOLN-M0P-25K	M	25 L	N/A

TOLUENE AGR ACS, ISO, PH. EUR.				BASICKEM	reference	packaging		price kr
Assay > 99.5% Non-Vol. Mat. < 0.001% H_2O < 0.02% Colour < 10Apha Free Acid < 0.001% Free Alkalinity < 0.001% Al < 0.00005%	B < 0.000001% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002%	Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001% Zn < 0.00001%	S < 0.003% Thiophene < 0.0001% Density 0.865 - 0.869g/ml Res. on evap. < 0.001% R.C.S. Subs. dark. by H_2SO_4					
					TOLN-00A-1K0	G GL45	1 L	N/A
					TOLN-00A-2K5	G GL45	2,5 L	N/A
					TOLN-00A-P04	G GL45	4x2,5 L	N/A

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

TOLUENE HPLC GGR			INSTRUKEM	reference	packaging		price kr
Assay > 99.8% Water (KF) < 0.02% S compounds < 0.003% Acidity < 0.0005meq/g	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 290 nm > 50% UV-Tr. (1cm;Wat.) 300 nm > 80% UV-Tr. (1cm;Wat.) 310 nm > 90%	UV-Tr. (1cm;Wat.) 330 nm > 97% UV-Tr. (1cm;Wat.) 350 nm > 98%		TOLN-0GH-2K5	G GL45	2,5 L	N/A
				TOLN-0GH-P04	G GL45	4x2,5 L	N/A

TRICHLOROACETIC ACID 99%

MW: 163,39 CAS: 76-03-9 EC: 200-927-2 EC INDEX: 607-004-00-7

IMDG: 8 II UN 1839 ADR: 8 II UN 1839 (E) IATA: 8 II UN 1839

CCl_3COOH

TRICHLOROACETIC ACID 99% AGR ACS			BASICKEM	reference	packaging		price kr
Assay > 99% Freezing point > 56°C Insol. matter < 0.005% NO_3 < 0.002%	Cl^- < 0.002% Subs. dark. by H_2SO_4 Passes test PO_4 < 0.0005% SO_4 < 0.02%	Fe < 0.001% Res. on ignition < 0.02% Heavy met. < 0.002%		TRCH-00A-500	G	500 g	490

TRIETHYLAMINE

MW: 101,19 CAS: 121-44-8 EC: 204-469-4 EC INDEX: 612-004-00-5

IMDG: 3 (8) II UN 1296 ADR: 3 (8) II UN 1296 (D/E) IATA: 3 (8) II UN 1296

$(C_2H_5)_3N$

TRIETHYLAMINE 99.5% AGR				BASICKEM	reference	packaging		price kr
Assay > 99.5% Colour (Hazen) < 15APHA H_2O < 0.1% Res. on evap. < 0.01% Al < 0.000005% Ba < 0.000002%	Cd < 0.000002% Ca < 0.00005% Cr < 0.000002% Co < 0.000002% Cu < 0.000002% Fe < 0.00002%	Pb < 0.000002% Mg < 0.000002% Mn < 0.000002% Ni < 0.000002% K < 0.000005% Na < 0.00005%	Sr < 0.000002% Zn < 0.00001% UV Absorbance Passes test Density at 20°C 0.727g/ml		TRIE-00A-500	G GL45	500 ml	274

UREA

MW: 60,06 CAS: 57-13-6 EC: 200-315-5

CH_4N_2O

UREA EPR PH.EUR.			BASICKEM	reference	packaging		price kr
Assay (HPLC) 98.0 - 102.0% ind. impurities Total Imp. Assay 98.5 - 101.5%	Melt. range 132.0 - 135.0°C Insol. (EtOH) < 0.04% Ash (SO_4) < 0.1% Loss on dry. (105 °C) < 1.0%	NH_4 < 0.05% Biuret < 0.1%		UREA-00P-500	P	500 g	162
				UREA-00P-1K0	P	1 kg	216
UREA AGR ACS, BP, USP			BASICKEM	reference	packaging		price kr
App. White granules/crystal. powder Assay > 99% Melt. range 131 - 134°C Solub. in H_2O < 0.003% Acidity < 0.05ml N%	Alkalinity < 0.05ml N% Ash (SO_4) < 0.005% Cl^- < 0.0005% SO_4 < 0.001% Cu < 0.0001%	Fe < 0.0001% Pb < 0.0002% Biuret < 0.1%		UREA-00A-500	P	500 g	213

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MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

VANILLIN 99.9%

$C_8H_8O_3$

MW: 152,15 CAS: 121-33-5 EC: 204-465-2

VANILLIN 99.9% AGR				BASICKEM	reference	packaging		price kr
Assay > 99.9%	Melt. range 81 - 83°C	Insol. (EtOH) < 0.01%	Ash (SO_4) < 0.01%		VANI-00A-100	P	100 g	513

VASELINE, LIQUID

CAS: 8042-47-5 EC: 232-455-8

VASELINE, LIQUID AUX PH.EUR.			BASICKEM	reference	packaging		price kr
App. Colourless, transparent, oily / liquid, free from fluorescence in daylight Identification Conforms Acid. or alk. Passes test Rel. dens. 0.827 - 0.89g/ml	Viscosity 11.0 - 23.0mPa-s PAH Passes test Readily carbonis. subs. Passes test Solid paraffins Passes test			VALI-P0P-1K0	P	1 L	141

WATER

H_2O

MW: 18.02 CAS: 7732-18-5 EC: 231-791-2

WATER EPR PH.EUR.			BASICKEM	reference	packaging		price kr
PH 5 - 6.5 Conductivity at 20 °C < 3.5µS/cm* *At the bottling time Micr. contam. (TAMC) < 100CFU/ml Heavy metals (Pb) < 0.00001%	NO_3 < 0.00002% Oxidisable subs. Passes test TOC < 0.00001% Acid. or alk. Passes test Cl^- Passes test	SO_4 Passes test NH_4 < 0.00002% Ca + Mg Passes test Res. on evap. < 0.001%		WATR-00P-5K0	BIB	5 L	122
				WATR-00P-20K	BIB	20 L	345
				WATR-00P-25K	P	25 L	436
Accesory for bag-in-box tap				WATR-TAP-001			144

WATER ULTRAPURE AGR				BASICKEM	reference	packaging		price kr
H_2O-LF < 1µS/cm* *At the bottling time UV filtrated 0.4µm Non-Vol. Mat. < 0.0001% Cl^- < 0.000005% F < 0.000005% NO_3 < 0.000001% PO_4 < 0.000001% SiO_2 < 0.000001% SO_4 < 0.00001% Ag < 0.00000004%	Al < 0.0000002% As < 0.0000002% Au < 0.00000001% B < 0.0000005% Ba < 0.0000001% Be < 0.0000002% Bi < 0.0000001% Ca < 0.0000005% Cd < 0.00000001% Co < 0.00000001% Cr < 0.00000004%	Cu < 0.00000004% Fe < 0.0000001% K < 0.0000005% Li < 0.0000002% Mg < 0.0000005% Mn < 0.00000004% Mo < 0.0000002% Na < 0.000001% Ni < 0.00000004% Pb < 0.00000001% Pt < 0.0000001%	Sb < 0.0000001% Se < 0.00000001% Sn < 0.0000001% Sr < 0.00000004% Ti < 0.0000001% V < 0.0000001% Zn < 0.0000004% Zr < 0.0000001% pH 5.0 - 7.5		WATR-00A-10K	P	10 L	641

WATER GC/HPLC GGR			INSTRUKEM	reference	packaging		price kr
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (190 nm) < 0.01 UV-Abs. max. lim. (200 nm) < 0.01	UV-Abs. max. lim. (250-400 nm) < 0.005 UV Cutoff < 190nm LC Grad. Suit. Grad. Elut. test passes test	Colour (Hazen) < 5 Res. on evap. < 0.001%		WATR-00H-2K5	G	GL45 2,5 L	319
				WATR-00H-P04	G	GL45 4x2,5 L	1065
				WATR-00H-4K0	G	GL38 4 L	288
				WATR-00H-PG4	G	GL38 4x4 L	961

WATER LC/MS LGR				INSTRUKEM	reference	packaging		price kr
App. Clear colourless liquid Reserpine < 0.000005% Colour (Hazen) < 10 Res. on evap. < 0.001%	LC Grad. Suit. Passes test T190nm > 97% T200nm > 98% T(250nm - 400nm) > 99%	Fe < 0.000005% Al < 0.000005% Ca < 0.000005% Mg < 0.000005%	Na < 0.000005% K < 0.000005%		WATR-LCM-2K5	G	GL45 2,5 L	364
					WATR-LCM-P04	G	GL45 4x2,5 L	1213

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GRADES, FAMILIES and PACKAGING information on p. 352

XYLENE (ISOMERS)

MW: 106.17 CAS: 1330-20-7 EC: 215-535-7 EC INDEX: 601-022-00-9 TARIC code: 29024400 Restriction: Hydrocarbons

IMDG: 3 III UN 1307 ADR: 3 III UN 1307 IATA: 3 III UN 1307

$C_6H_4(CH_3)_2$

XYLENE (ISOMERS) GLR — BASICKEM

App. Clear and colourless liquid
Benzene < 0.01%
S compounds Exempt
Colour (Hazen) < 20

Density at 15 °C 0.865 - 0.875g/ml
Ethylbenzene < 25%
Distillation range 137 - 143°C
Non-arom. Hydrocarb. < 1%

reference	packaging		price kr
XYLN-P0P-1K0	P CODEX	1 L	N/A
XYLN-G0P-1K0	G PP26	1 L	N/A
XYLN-P0P-5K0	P CODEX	5 L	N/A
XYLN-M0P-25K	M	25 L	N/A

XYLENE (ISOMERS) AGR ACS, ISO, PH.EUR. — BASICKEM

Assay > 99%
Non-Vol. Mat. < 0.001%
H_2O < 0.01%
Free Acid < 0.0005%
Free Alkalinity < 0.0005%
Al < 0.00005%
B < 0.000002%
Ba < 0.00001%
Ca < 0.00005%
Cd < 0.000002%
Co < 0.000002%
Cr < 0.000002%
Cu < 0.000002%
Fe < 0.00001%
Mg < 0.00001%
Mn < 0.000002%
Ni < 0.000002%
Pb < 0.00001%
Sn < 0.00001%
Zn < 0.00001%
Benzene < 0.1%
S < 0.003%
Thiophene < 0.0001%
Toluene < 0.1%

reference	packaging		price kr
XYLN-G0A-1K0	G GL45	1 L	N/A
XYLN-G0A-2K5	G GL45	2,5 L	N/A
XYLN-G0A-P04	G GL45	4x2,5 L	N/A

YEAST EXTRACT *SEE P. 51*

ZINC CHLORIDE ANHYDROUS

MW: 136,30 CAS: 7646-85-7 EC: 231-592-0 EC INDEX: 030-003-00-2

IMDG: 8 III UN 2331 ADR: 8 III UN 2331 (E) IATA: 8 III UN 2331

$ZnCl_2$

ZINC CHLORIDE ANHYDROUS EPR — BASICKEM

Assay > 98%
Oxychlorides (ZnO) < 2.4%
Na+K+Ca < 1%
Fe < 0.002%
Cu < 0.002%
Pb < 0.002%
Cd < 0.001%

reference	packaging		price kr
ZNCH-00P-500	P	500 g	204
ZNCH-00P-1K0	P	1 kg	276

CINC CLORURO ANHIDRO AGR — BASICKEM

Assay > 98%
Oxychlorides (ZnO) < 1.2%
Total N < 0.002%
Fe < 0.0005%
Ca < 0.001%
Cu < 0.001%
Mg < 0.001%
SO_4 < 0.002%
Na < 0.001%
K < 0.001%
Pb < 0.001%
Cd < 0.0005%

reference	packaging		price kr
ZNCH-00A-250	P	250 g	220

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MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

ZINC NITRATE HEXAHYDRATE

MW: 297,47 CAS: 10196-18-6 EC: 231-943-8

IMDG: 5.1 II UN 1514 ADR: 5.1 II UN 1514 (E) IATA: 5.1 II UN 1514

$Zn(NO_3)_2 \cdot 6H_2O$

ZINC NITRATE HEXAHYDRATE EPR				BASICKEM	reference	packaging		price kr
Assay (Zn) > 98.0% App. White crystals Insol. matter < 0.01%	Cl^- < 0.005% Free ac. (HNO_3) < 0.04% Fe < 0.005%	Ca < 0.02% SO_4 < 0.01% Na < 0.02%	K < 0.02% Pb < 0.02%		ZNNA-06T-500	P	500 g	338

ZINC NITRATE HEXAHYDRATE AGR ACS				BASICKEM	reference	packaging		price kr
Assay > 98% Insol. matter < 0.005% Cl^- < 0.001% Ni < 0.0005%	Fe < 0.0005% Ca < 0.001% Cu < 0.0005% Mg < 0.001%	SO_4 < 0.005% Na < 0.001% K < 0.001% Pb < 0.001%	Cd < 0.0005%		ZNNA-06A-500	P	500 g	278

ZINC, POWDER

MW: 65.38 CAS: 7440-66-6 EC: 231-175-3 EC INDEX: 030-001-00-1

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Zn

ZINC, POWDER AGR				BASICKEM	reference	packaging		price kr
Assay > 99% As < 0.00002%	Cd < 0.005% Fe < 0.05%	Pb < 0.05% Sn < 0.01%	Cl^- < 0.005%		ZNMT-P0A-500	P	500 g	404

ZINC SHEET

MW: 65.38 CAS: 7440-66-6 EC: 231-175-3 EC INDEX: 030-001-00-1

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Zn

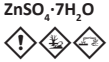
ZINC SHEET 100 X 30 X 0.8 MM GLR	BASICKEM	reference	packaging		price kr
Approx. dim. 100 x 30 x 0.8 mm		ZNMT-L01-010		10 un.	232

ZINC SULFATE HEPTAHYDRATE

MW: 287,54 CAS: 7446-20-0 EC: 231-793-3 EC INDEX: 030-006-00-9

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

$ZnSO_4 \cdot 7H_2O$



ZINC SULFATE HEPTAHYDRATE EPR PH.EUR., USP				BASICKEM	reference	packaging		price kr
Assay 99.0 - 100.5% Insol. matter < 0.02% pH (5%, 20°C) 4.4 - 5.6	Total N < 0.002% Cl^- < 0.002% As < 0.0005%	Ca < 0.005% Fe < 0.0005% K < 0.005%	Pb < 0.003% Na < 0.005%		ZNSU-7EP-500	P	500 g	149
					ZNSU-7EP-1K0	P	1 kg	242

ZINC SULFATE HEPTAHYDRATE AGR ACS, REAG.PH.EUR.				BASICKEM	reference	packaging		price kr
App. colourless crystal or white powder Assay 99.5 - 100.5% Insol. matter < 0.005% pH (5%, 20°C) 4.4 - 5.6	NO_3 < 0.002% NH_4 < 0.001% Cl^- < 0.0003% As < 0.0001% Ca < 0.002%	Cd < 0.0001% Cu < 0.0005% Fe < 0.0003% K < 0.001% Mg < 0.0003%	Mn < 0.0003% Na < 0.001% Pb < 0.001%		ZNSU-07A-500	P	500 g	221
					ZNSU-07A-1K0	P	1 kg	295

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GRADES, FAMILIES and PACKAGING information on p. 352

INDICATORS FOR VOLUMETRIC TITRATIONS

BROMOCRESOL GREEN

MW: 698.04 CAS: 76-60-8 EC: 200-972-8 $C_{21}H_{14}Br_4O_5S$

BROMOCRESOL GREEN IND ACS		BASICKEM	reference	packaging		price kr
Transition range pH 3.8 - 5.4 yellow to blue	Trans. range (ACS) Passes test Sensitivity Passes test		BRCR-G0D-005	G	5 g	280

BROMOCRESOL GREEN, SOLUTION 0.04%

MW: 698.04 CAS: 76-60-8 EC: 200-972-8 $C_{21}H_{14}Br_4O_5S$

BROMOCRESOL GREEN, SOLUTION 0.04% IND		BASICKEM	reference	packaging		price kr
Transition range pH 3.6 - 5.4	yellow to blue		BRCR-GSD-100	P	100 ml	50

BROMOCRESOL PURPLE

MW: 540.22 CAS: 115-40-2 EC: 204-087-8 $C_{21}H_{16}Br_2O_5S$

BROMOCRESOL PURPLE IND			BASICKEM	reference	packaging		price kr
Transition range pH 5.2 - 6.8 yellow to purple App. of sol. conforms	Sensitivity Passes test Loss on dry. (110 °C) < 1% Abs. max. λ2max (pH 5.2) 427 - 431nm	Abs. max. pH 6.8 588 - 590nm Abs. pH5.2 on dried 400 - 450nm Abs. pH6.8 on dried 1000 - 1100nm		BRCR-P0D-005	G	5 g	189
				BRCR-P0D-025	G	25 g	517

BROMOPHENOL BLUE

MW: 669.96 CAS: 115-39-9 EC: 204-086-2 $C_{19}H_{10}Br_4O_5S$

BROMOPHENOL BLUE IND ACS		BASICKEM	reference	packaging		price kr
App. of sol. Passes test Transition range pH 3 - 4.6 yellow to blue	Loss on dry. (105 °C) < 1% Trans. range (ACS) Passes test Sensitivity Passes test		BRPH-B0D-005	G	5 g	169
			BRPH-B0D-025	P	25 g	491

BROMOPHENOL BLUE, SOLUTION 0.1%

MW: 669.96 CAS: 115-39-9 EC: 204-086-2 $C_{19}H_{10}Br_4O_5S$

BROMOPHENOL BLUE, SOLUTION 0.1% IND		BASICKEM	reference	packaging		price kr
Transition range pH 3 - 4.6	yellow to blue		BRPH-BSD-100	P	100 ml	88

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

BROMOTHYMOL BLUE

MW: 624.4 CAS: 76-59-5 EC: 200-971-2

$C_{27}H_{28}Br_2O_5S$

BROMOTHYMOL BLUE IND ACS	BASICKEM	reference	packaging		price kr
App. Pink to purple coloured powder App. of sol. Passes test pH Transition Yellow to Blue	Trans. range (ACS) Passes test Sensitivity Passes test Loss on dry. (110 °C) < 3%	BRTH-B0D-005	G	5 g	222
		BRTH-B0D-025	P	25 g	677

CONGO RED, C.I. 22120

MW: 696.65 CAS: 573-58-0 EC: 209-358-4 EC INDEX: 611-027-00-8

$C_{32}H_{22}N_6Na_2O_6S_2$

CONGO RED (C.I. 22120) MIC PH. EUR.	BASICKEM	reference	packaging		price kr
App. Brownish red powder Transition range pH 3 - 5.2 blux10-violet to red orange	Loss on Dry. (110°C) < 5% Sensitivity	CONG-R0D-025	P	25 g	149

CRESOL RED

MW: 382.44 CAS: 1733-12-6 EC: 217-064-2

$C_{21}H_{18}O_5S$

CRESOL RED IND	BASICKEM	reference	packaging		price kr
App. Green to dark red or maroon Acid. trans. range pH 0.2 - 1.8 red to yellow	Alkal. trans. range pH 7 - 8.8 yellow to purple Loss on dry. (110 °C) < 5%	CRES-R0D-025	G	25 g	350

ERIOCHROME BLACK T, C.I. 14645

MW: 461.38 CAS: 1787-61-7 EC: 217-250-3

$C_{20}H_{12}N_3NaO_7S$

ERIOCHROME BLACK T (C.I. 14645) IND	BASICKEM	reference	packaging		price kr
Suit. as indicator for met. titration Passes test Abs. Max. (pH 10) 612 - 616nm	Loss on dry. < 7%	ERIO-T0D-025	P	25 g	142
		ERIO-T0D-100	P	100 g	468

INDIGO CARMINE, C.I. 73015

MW: 466,36 CAS: 860-22-0 EC: 212-728-8

$C_{16}H_8N_2Na_2O_8S_2$

INDIGO CARMINE (C.I. 73015) IND USP, NF	BASICKEM	reference	packaging		price kr
Assay > 80% Transition range pH 11.4 - 13 blue to yellow Abs. max. (H_2O) 608 - 612nm	Sp. abs. (A_1%; 1cm; λ_{max}; 0.001% H_2O) 380 - 475nm Loss on dry. (105 °C) < 10% Suit. for microb. Passes test	INCA-00D-025	G	25 g	207

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GRADES, FAMILIES and PACKAGING information on p. 352

METHYL ORANGE C.I. 13025

MW: 327,34 CAS: 547-58-0 EC: 208-925-3

IMDG: 6.1 III UN 3143 ADR: 6.1 III UN 3143 (E) IATA: 6.1 III UN 3143

$C_{14}H_{14}N_3NaO_3S$

METHYL ORANGE (C.I. 13025) IND ACS		BASICKEM	reference	packaging		price kr
Transition range pH 3.1 - 4.4	Transition Red to yellow-orange		MTOR-00D-100	P	100 g	429

METHYL ORANGE, SOLUTION 0.04%

MW: 327,34 CAS: 547-58-0 EC: 208-925-4

IMDG: 3 III UN 1993

$C_{14}H_{14}N_3NaO_3S$

METHYL ORANGE, SOLUTION 0.04% IND		BASICKEM	reference	packaging		price kr
Transition range pH 3.1 – 4.4 Transition Pink-orange-yellow	Sensitivity Passes test		MTOR-S0D-250	P	250 ml	224

METHYL RED, C.I. 13020

MW: 269,31 CAS: 493-52-7 EC: 207-776-1

$C_{15}H_{15}N_3O_3$

METHYL RED (C.I. 13020) IND ACS		BASICKEM	reference	packaging		price kr
App. Dark red to maroon to violet or purple powder or crystals Transition range pH 4.4 - 6.2 Red to yellow orange	Abs. max. λ1max (pH 4.5) 523 - 526nm Abs. max. λ1max (pH 6.2) 427 - 437nm Loss on dry. < 5.0%		MTRE-00D-025	P	25 g	166
			MTRE-00D-100	P	100 g	454

METHYLENE BLUE, C.I. 52015

MW: 319.85 CAS: 122965-43-9 EC: 200-515-2

$C_{16}H_{18}ClN_3S{\cdot}H_2O$

METHYLENE BLUE (C.I. 52015) IND			BASICKEM	reference	packaging		price kr
App. Red-brown powder Assay > 82% Loss on dry. 8 - 16%	Abs. max. (H_2O) 663 - 667nm Sp. abs. (A_1%; 1cm; H_2O) > 2200 Coef. max. of abs. (P*15 nm) 1.21 - 1.7	TLC test Passes test		MEBL-00D-100	P	100 g	768

1,10-PHENANTHROLINE MONOHYDRATE

MW: 198,22 CAS: 5144-89-8 EC: 200-629-2 EC INDEX: 613-092-00-8

IMDG: 6.1 III UN 2811 ADR: 6.1 III UN 2811 (E) IATA: 6.1 III UN 2811

$C_{12}H_8N_2{\cdot}H_2O$

1,10-PHENANTHROLINE MONOHYDRATE IND		BASICKEM	reference	packaging		price kr
Assay > 99.5 Melt. range 97 - 102°C Mol. ads. of Fe compl. > 11700	Sensit. to Fe 1:10000000 Ash (SO_4) < 0.05%		PHNA-01A-005	P	5 g	322

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

PHENOL RED

MW: 354,38 CAS: 143-74-8 EC: 205-609-7

$C_{19}H_{14}O_5S$

PHENOL RED IND ACS		BASICKEM	reference	packaging		price kr
Transition range pH 6.4 - 8.2	Transition yellow to red		PHRE-00D-005	P	5 g	132

PHENOLPHTALEIN

MW: 318,32 CAS: 77-09-8 EC: 201-004-7 EC INDEX: 604-076-00-1

$C_{20}H_{14}O_4$

PHENOLPHTALEIN IND ACS			BASICKEM	reference	packaging		price kr
App. A white / almost white powder Assay 98.0 - 101.0% Identification Conforms Loss on dry. < 0.5% Ash (SO_4) < 0.1% Acid. or alk. Conforms	Cl^- < 0.01% Thickness (DIN 53105) Conforms App. of sol. Conforms Heavy met. < 0.001% Related subst. < 0.5% SO_4 < 0.02%	Thermal resistance Transition range pH 8.2 - 10 colourless to red-violet Practically insoluble in water	PHEN-00D-100	P	100 g	228
			PHEN-00D-250	P	250 g	461

PHENOLPHTALEIN, SOLUTIONS

MW: 318,32

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230

$C_{20}H_{14}O_4$

PHENOLPHTALEIN, SOLUTION 0.2% IN METHANOL IND		BASICKEM	reference	packaging		price kr
Transition range pH 8 - 10 colourless to red-violet	Concentration 0.194 - 0.2006% Sensitivity Passes test		PHEN-S02-125	G	125 ml	52
PHENOLPHTALEIN, SOLUTION 1% IN METHANOL IND		**BASICKEM**	**reference**	**packaging**		**price kr**
Transition range pH 8 - 10 colourless to red-violet	Concentration 0.97 - 1.03% Sensitivity Passes test		PHEN-S10-125	G	125 ml	52

POTASSIUM CHROMATE, SOLUTIONS

MW: 194.21 CAS: 7789-00-6 EC: 232-140-5 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 6.1 II UN 3287 ADR: 6.1 II UN 3287 (D/E) IATA: 6.1 II UN 3287

K_2CrO_4

POTASSIUM CHROMATE SOLUTION 5% W/V IND		BASICKEM	reference	packaging		price kr
Assay 4.9 - 5.1% For chloride determination according Mohr.	Density at 18°C 1.0394g/ml pH 8.5 - 10		POCH-50D-250	P	250 ml	194
POTASSIUM CHROMATE SOLUTION 10% W/V IND		**BASICKEM**	**reference**	**packaging**		**price kr**
App. Yellow liquid Assay 9.9 - 10.1%	pH 8.5 - 10 Density at 18°C 1.0821g/ml		POCH-10D-250	P	250 ml	195

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

Disclaimer: Labkem chemical products are exclusively for laboratory use and must be used by instructed and experienced technicians. These chemical products may be dangerous, so please follow the instructions mentioned on the Material safety data sheets.

Due to shipping restrictions or local/national regulations, all products may not be available in all countries or for some particular customers. For further explanation please contact Customer Service

PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

GRADES, FAMILIES and PACKAGING information on p. 352

POTASSIUM CHROMATE *SEE P. 391*

STARCH

MW: (162,1)n CAS: 9005-84-9 EC: 232-686-4 $(C_6H_{10}O_5)_n$

STARCH 1% IND		BASICKEM	reference	packaging		price kr
Assay 0.9 - 1.1%	pH 5 - 7.5		STAR-10I-250	P GL45	250 ml	164

THYMOL BLUE

MW: 466,60 CAS: 76-61-9 EC: 200-973-4 $C_{27}H_{30}O_5S$

THYMOL BLUE IND ACS		BASICKEM	reference	packaging		price kr
Appearance Brownish green powder Acid. trans. range pH 1.2 - 2.8 red to yellow Alkal. trans. range pH 8 - 9.6	yellow to blue Loss on dry. < 10% Dye content > 95%		THBL-00D-005	G	5 g	156
			THBL-00D-025	P	25 g	541

THYMOL BLUE, SOLUTION 0.04%

MW: 466,60 CAS: 76-61-9 EC: 200-973-5 $C_{27}H_{30}O_5S$

IMDG: 3 III UN 1993 ADR: 3 III UN 1993 IATA: 3 III UN 1993

THYMOL BLUE, SOLUTION 0.04% IND		BASICKEM	reference	packaging		price kr
Acid. trans. range pH 1.2 - 2.8 violet-red to brownish yellow	Alkal. trans. range pH 7.8 - 9.5 yellow to blue		THBL-S0D-100	P	100 ml	88

Labels according to CLP

From December 1, 2010 all manufacturers and importers of chemicals in the EU are obliged to label them according to the criteria of the 1272/2008 Directive, known as CLP. The CLP Directive (Classification, Labelling and packaging of Substances and Mixtures) replaces the previously existing labelling systems and implements in Europe the bigger project called GHS (Global Harmonised System of Classification and Labelling of Chemicals), sponsored by the UN in order to unify the various regulations existing worldwide regarding labelling of chemicals.

All Labkem products are labelled according to CLP and include the pictograms and the new hazard (H) and caution (P) phrases defined by this directive.

Material Safety Data Sheets (MSDS)

MSDS are intended to give all available information enabling the safe management of chemicals and eliminating or minimizing adverse effects to humans and the environment. In the European Union (EU), MSDS are governed by the 1907/2006 REACH Directive and should also incorporate the new classification criteria introduced by CLP Directive.

On our Website www.labbox.eu you can download all Labkem product MSDS in 6 languages: English, Spanish, French, Portuguese, Dutch and Italian.

Certificate of Analysis

For each Labkem product you can download free of charge a certificate of analysis for any batch on our website www.labbox.eu. To do this, you need to enter the product reference and the batch number printed on the label.
The certificate mentions the product name, quality, dates of manufacture and expiry, and Labkem specifications with the allowed impurities and test results for each batch.

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

REQUIRES REFRIGERATED TRANSPORTATION

labbox
C nucleus
+6
MeO
propan-1-ol
CH3SO
O=CHCH2CH(CH3)2
CH3
PCC

ANNEXES

PHYSICAL PROPERTIES OF PLASTICS

Material	Resistance to temperature (for ordinary use)	Autoclavable (121 °C, 20 min)
ABS	-40 °C to +85 °C	no
HDPE	-50 °C to +80 °C	no
LDPE	-50 °C to +75 °C	no
PA	-30 °C to +80 °C	yes
PC	-100 °C to +135 °C	yes
PE	-40 °C to +80 °C	no
PMMA	-40 °C to +85 °C	no
PMP	0 °C to +120 °C	yes
POM	-40 °C to +90 °C	yes
PP	-10 °C to +120 °C	yes
PS	-10 °C to +70 °C	no
PTFE	-200 °C to +260 °C	yes
PVC	-20 °C to +80 °C	no
PVDF	-40 °C to +105 °C	yes
PET	-40 °C to +50 °C	no

CHEMICAL RESISTANCE OF PLASTICS

Material	LDPE	HDPE	PP	PMP	PTFE / PFA
Concentrated acids	++	++	++	++	++
Diluted acids	++	++	++	++	++
Alkalis	++	++	++	++	++
Aliphatic alcohols	++	++	++	++	++
Aldehydes	+	+	+	+	++
Ketones	+	+	+	-	++
Esters	+	+	+	+	++
Aliphatic hydrocarbons	-	+	+	-	++
Aromatic hydrocarbons	-	+	-	-	++
Halogenated hydrocarbons	--	-	-	--	++
Strong oxidants	-	-	-	-	++

High resistance	++	Good resistance	+
Marginal resistance	-	Non resistant	--

Premium Line **PORCELAIN, TECHNICAL SPECIFICATIONS**

Thermal Shock Resistance:
Average coefficient of expansion from 20 °C to 200 °C is 3,56 x 10^{-5}, gradually increasing to 4,69 x 10^{-5} at 1000 °C.
Experience has indicated suitability of particular shapes for specific uses. It remains the responsibility of the user to determine the suitability for his use. To prevent thermal stress cracks on porcelain ware, Labbox strongly recommends a heating/cooling rate not to exceed 200 °C/hour. The thermal shock resistance of laboratory porcelain depends on various factors such as the correct correlation of the coefficient of expansion of porcelain body and glaze, the elasticity of glaze, etc.

Resistance to Chemical Action:
The resistance to acids and alkalies is excellent, except for hydrofluoric acid.

Prolonging labware life:
Follow gradual heating and cooling rates. Use an oven or hot plate as an intermediate step when quicker heating/cooling rates are required. Gradually increase flame intensity when using a gas burner. Avoid contact of heated ware with a cold surface. Carefully inspect your labware prior to each use and do not use any product that appears defective.

PHYSICAL PROPERTIES OF METALWARE

Material	Melting point	Density
Stainless steel 18/8	1398 °C	7,93 g/cm³
Stainless steel 316	1398 °C	8,0 g/cm³
Aluminum	660 °C	2,7 g/cm³
Steel	1375 °C	7,8 g/cm³
Nickel	1455 °C	8,9 g/cm³
Cast iron	1350 °C	7,2 g/cm³

RUBBER PHYSICAL PROPERTIES

Material	Resistance to temperature (for ordinary use)	Autoclavable (121 °C, 20 min)	Shore hardness A	Elongation at break
Silicone	-50 °C to +250 °C	yes	65	440 %
Natural rubber	-30 °C to +110 °C	no	45	700 %
Latex	-40 °C to +68 °C	no	40	650 %

LABBOX GLASSWARE, TECHNICAL SPECIFICATIONS

LBG 3.3 is a borosilicate glass with a minimum content in silica of 80 % and a low expansion coefficient ($3,3 \cdot 10^{-6}\ K^{-1}$) included in the 3.3 borosilicate group, as defined in ISO 3585 standard.
It is used in products where chemical and mechanical resistance is to be combined with resistance to sudden temperature changes. This particular combination of properties makes this type of glass the most used in labware.

Physical and chemical properties

Linear expansion coefficient (@ 20/300 °C)	$3,3 \cdot 10^{-6}\ K^{-1}$
Strain point	520 °C
Annealing point	560 ± 10 °C
Softening point	820 ± 10 °C
Density	2,23 ± 0,02 g/cm³
Hydrolytic resistance (acc. to ISO 719, water at 98 °C)	Class 1
Hydrolytic resistance (acc. to ISO 720, water at 121 °C)	Class 1
Resistance to acids (acc. to ISO 1776, DIN 12116)	Class 1
Resistance to alkalis (acc. to ISO 695)	Class 2

Typical composition

80,4 %	in weight SiO_2
13,0 %	in weight B_2O_3
4,2 %	in weight Na_2O
2,4 %	in weight Al_2O_3

LBG N is a neutral borosilicate glass with a high chemical resistance. Its average linear dilation coefficient is $8,0 \cdot 10^{-6}\ K^{-1}$. It is used in products not intended to be directly heated, but instead should have a higher mechanical resistance (such as mortars, desiccators, filtering flasks …) or in some volumetric glassware (such as pipettes, burettes …).

GENERAL MAINTENANCE RECOMMENDATIONS AND CLEANING OF GLASSWARE

First of all, check before each use and washing that the glass material does not show any damage (if you find that it is damaged, do not use it).
It is recommended to always wash this type of material before the first use, as well as immediately after each use.
If you suspect that the material may have come into contact with contaminated products, wash and sterilize it.

Cleaning recommendations to protect the printing on the glass:

Never clean with abrasive products directly as they can damage the surface. Use a sponge or cloth impregnated with the cleaning solution.
The glass material can be immersed in a bath at room temperature with the cleaning solution, rinsed with hot water and finally with distilled water.
Avoid temperatures above 70 °C, excessively long actuation times and strongly alkaline media (as this would affect screen printing and could lead to corrosion of the glass).
Avoid mechanical aggressions during cleaning.

If a manual cleaning is performed:

1- Use a soft cloth or a non-scratching sponge with water and a mild cleanser. In general, do not use anything that can scratch the glass (spatula, etc.).
2- Do not use abrasive detergents that could damage the surface of the glass or erase the inscriptions.
3- Never allow the glass material to be soaked with strongly alkaline products.
4- Wash at room temperature and in case of immersion, do not soak the glass material for more than 30 minutes.
Maximum water temperature: 70 °C.
5- Rinse with running water and then with distilled water.

If stem washing is performed:

Stem washing is less aggressive to glass than manual washing because the material is not in prolonged contact with the detergent.

1- Use a suitable detergent with the dishwasher and a mild detergent with the glass.
2- Place the material in the dishwasher in such a way as to avoid friction or breakage.

COMPATIBILITY TABLE FOR VIALS OF CHROMATOGRAPHY AND DIFFERENT TYPES OF CAPS

	CAPS								
	CC01-S02-100	CC01-S02-1K0	CHCA-S20-100	CHCA-B20-100	SC02-W02-100	SC02-P02-100	SC04-R40-100	STC2-P20-100	STC2-W20-100
CAPSULE CAP									
CV01-C20-100	•	•							
CV01-A20-100	•	•							
CVP1-C02-100	•	•							
CHVF-C10-100			•	•					
CHVR-C10-100			•	•					
CHVF-C20-100			•	•					
CHVR-C20-100			•	•					
SCREW CAP									
SV02-C20-100					•	•			
SV02-A20-100					•	•			
SVP2-C02-100					•	•			
SVP2-A02-100					•	•			
SV02-P20-100					•	•			
SH01-015-100					•	•			
SH01-A15-100					•	•			
SV04-C40-100							•		
SV04-A40-100							•		
SVP4-C40-100							•		
SVP4-A40-100							•		
SNAP-TOP									
STV2-C20-100								•	•
STV2-A20-100								•	•

LIST OF TEST TUBES WITH RUBBER AND SILICONE STOPPERS

TEST TUBES	RUBBER PLUG	SILICONE STOPPER
TU02-127-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU02-120-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU02-130-250	STOR-014-025	STOS-015-025
TU02-160-250	STOR-019-025	STOS-017-025 / STOS-019-025
TU02-165-250	STOR-019-025	STOS-017-025 / STOS-019-025
TU04-105-250	STOR-013-025	-
TU04-107-250	STOR-013-025	-
TU04-127-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU04-120-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU04-130-250	STOR-014-025	STOS-015-025
TU04-160-100	STOR-019-025	STOS-017-025 / STOS-019-025
TU04-165-100	STOR-019-025	STOS-017-025 / STOS-019-025
TU04-200-100	STOR-021-020 / STOR-022-020	STOS-020-025 / STOS-024-020
TU04-225-100	STOR-026-010	STOS-026-010
TU04-250-100	STOR-026-010	STOS-026-010
TU05-107-250	STOR-013-025	-
TU05-127-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU05-120-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU05-130-250	STOR-014-025	STOS-015-025

UNDERSTANDING LABBOX LABELS AND REFERENCES

The nomenclature of a Labbox reference consists of the following elements:

Product family — BKL3 - 150 - 012 — Packaging

Differences within the same product family
(volume, size, diameter, ...)

Beaker, low form, 150 ml, LBG 3.3, 12 pcs.

First, the first 4 digits indicates the family to which the product belongs. In this case, BKL3 corresponds to low form beaker.
The next part of three digits describes differences within the same product, whether it is volume, size, diameter, color … In the example given, 150 states the volume which is 150 ml.

Finally, the last three digits refer to the packaging, that is, the pieces per box of the product. In this specific example the number '012' indicates that each box contains 12 glasses.

Label overview:

Certificate ES14/17068

The management system of

GRUPO LABBOX
(LABBOX LABWARE, S.L., LABBOX FRANCE EURL y LABBOX ITALIA, S.R.L.)

Migjorn, 1
08338 Premia de Dalt (Barcelona)

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

Sales of laboratory consumables and equipment, chemical products and equipment post-sale service.

In/ from the following sites

Migjorn, 1 - 08338 Premia de Dalt (Barcelona)

This certificate is valid from
13 December 2021 until 19 December 2023.
Issue 5. Certified with SGS since December 2014.

Authorized by

Certification Management

SGS INTERNATIONAL CERTIFICATIONS IBERICA, S.A.U.
C/Trespaderne 29, 28042 Madrid. España.
t 34 91 313 8115 www.sgs.com

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Certificado ES14/17068.01

LABBOX LABWARE, S.L.

Migjorn, 1
08338 Premia de Dalt (Barcelona)

ha sido evaluado como parte del sistema de gestión de GRUPO LABBOX organización certificada en cuanto al cumplimiento de los requisitos de

ISO 9001:2015

Para las siguientes actividades

Comercialización de material y equipos de laboratorio, productos químicos y la gestión del servicio post venta de los equipos comercializados.

emitido/a los siguientes emplazamientos

Migjorn, 1 - 08338 Premia de Dalt (Barcelona)

Válido desde
13 de diciembre de 2021 hasta 19 de diciembre de 2023.
Edición 5.

El presente documento es parte del certificado nº ES14/17068.
La vigencia de este documento queda supeditada a la de este certificado.

Autorizado por

Director de Certificación

SGS INTERNATIONAL CERTIFICATIONS IBERICA, S.A.U.
C/Trespaderne 29, 28042 Madrid. España.
t 34 91 313 8115 www.sgs.com

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Certificato ES14/17068.03

LABBOX ITALIA, S.R.L.

Via Castel Morrone, 24
20129 Milano (Italia)

è stato valutato come parte del sistema di gestione del GRUPO LABBOX organizzazione certificata in termini di conformità con i requisiti di

ISO 9001:2015

Per le seguenti attività

Commercializzazione di materiali e apparecchiature da laboratorio,prodotti chimici e la gestione del servizio post vendita delle apparecchiature commercializzate.

Nelle/Sulle seguenti ubicazioni

Migjorn, 1 - 08338 Premia de Dalt (Barcelona)

Il presente certificato è valido dal
13 Dicembre 2021 al 19 Dicembre 2023.
Edizione 2.

Questo documento è parte del certificato nº ES14/17068.
La validità di questo documento è soggetta a questo certificato.

Amministratore delegato

Responsabile di certificazione

SGS INTERNATIONAL CERTIFICATIONS IBERICA, S.A.U.
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t 34 91 313 8115 www.sgs.com

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Certificat ES14/17068.02

LABBOX FRANCE EURL

45 Rué de Villeneuve, Parc Tertiaire Silic
94573 Rungis (Francia)

a été audité en tant que partie du Système de Management de l'organisme GRUPO LABBOX certifié conforme aux exigences de la norme

ISO 9001:2015

Pour les activités suivantes:

Commercialisation de matériel de laboratoire, produits chimiques et gestion du service après-vente des équipements commercialisés.

aux / depuis les installations suivants

Migjorn, 1 - 08338 Premia de Dalt (Barcelona)

Ce certificat est valable du
13 Décembre 2021 au 19 Décembre 2023.
Version 5.

Le certificat principal est numéroté ES14/17068.
Plusieurs certificats ont été émis pour cette activité.

Autorisé par

Directeur de Certification

SGS INTERNATIONAL CERTIFICATIONS IBERICA, S.A.U.
C/Trespaderne 29, 28042 Madrid. España.
t 34 91 313 8115 www.sgs.com

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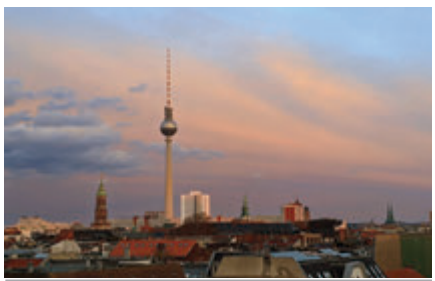

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All prices are stated Ex Works Ski (NO) or Kungsbacka (SE), so freight charges, depending on weight and volume, will be added.

Please notice that shipping cost of hazardous chemicals is not subject to the same regulations, because of the additional import taxes and transport. Contact our customer service for more information.

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REMARKS REGARDING PRICING

Prices mentioned in this catalogue are VAT excluded and valid until the 31st of January 2025.
We are doing our best to keep these prices valid during all 2024; nevertheless, we reserve the right to change any price without notice in case of significant variations in costs or any mistake found in the catalogue.
All our products are sold by packs of one or several pieces.

WARRANTY AND TECHNICAL SERVICE

The warranty period is mentioned for each product in this catalogue. This period is of minimum 1 year and for some items up to 5 years.

Our Technical Service is available at any moment to solve any problem related to our equipment.

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