

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 AGAROSSES FOR MOLECULAR BIOLOGY APPLICATIONS

CERTIKEM STANDARD SOLUTIONS FOR INSTRUMENT CALIBRATION. INCLUDES A SINGLE GRADE:

STD – **STANDARD GRADE:** PRODUCTS FOR THE CALIBRATION OF INSTRUMENTS. INCLUDES PH, CONDUCTIVITY, ICP (INDUCTIVELY COUPLED PLASMA) AND AAS (ATOMIC ABSORPTION SPECTROMETRY)

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

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

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
TAQP-S05-001	5U/μl	500 U	

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, Mg²⁺ and Taq DNA polymerase

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

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 a final concentration of 10 mM and a total concentration of 40mM

reference	description	package	price/pack
DNTP-040-001	10mM each nt, 40mM total	1 ml	

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
QPCR-PHR-001	high ROX™	2 x 1,25 ml	
QPCR-PLR-001	low ROX™	2 x 1,25 ml	

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
QPCR-GHR-001	high ROX™	2 x 1,25 ml	
QPCR-GLR-001	low ROX™	2 x 1,25 ml	
QPCR-GWR-001	w/o ROX™	2 x 1,25 ml	

Quence



Quence



Quence



Quence



Quence





qLUMEN 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
RPCR-KPH-100	high ROX™	100	
RPCR-KPL-100	low ROX™	100	



qLUMEN 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
RPCR-KGH-100	high ROX™	100	
RPCR-KGL-100	low ROX™	100	



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
PURK-PCR-050	PCR DNA purification	50	



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
PURK-AGA-050	agarose gel DNA purification	50	



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
PURK-MIN-050	isolation of plasmid minipreparations	50	

rNEAT TISSUE TOTAL RNA PURIFICATION KIT

The rNEAT Tissue Total RNA Purification Kit provides a rapid and efficient method to isolate and purify 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
PURK-RNA-050	RNA purification from tissue samples	50	

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
LADD-DN1-500	25 - 700 bp, 10 bands	500 µl	
LADD-DN2-500	100 bp - 2 kb, 13 bands	500 µl	
LADD-DN3-500	500 bp - 10 kb, 11 bands	500 µl	

OXGEN PRESTAINED PROTEIN WEIGHT MOLECULAR MARKER



The OXGEN Prestained Protein Marker is a mixture of purified proteins covalently coupled to a blue dye, except for two reference bands (one green and one red band at 25 kDa and 75 kDa respectively). The protein concentrations are carefully balanced for even intensity. For SDS-PAGE gels



reference	description	package	price/pack
LADD-PR1-500	5 - 245 kDa, 13 bands	500 µl	

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
GDYE-001-500	green stain, non-toxic	500 µl	

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
XTTC-001-500	colorimetric detection	500	

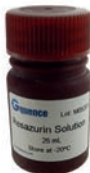


LUCIFERASE REPORTER ASSAY KIT



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	nº tests / sales unit	price/pack
LUCI-001-100	from <i>Photinus pyralis</i>	100	



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	nº tests / sales unit	price/pack
RESC-001-2K5	fluorescence assay	2500	

COMPATIBILITY CHART FOR PCR / qPCR ASTIK'S CONSUMABLES

BRAND	MODEL	STRIPS				PLATES			
		PCRS-8C1-120	PCRS-8W1-120	PCRS-8C2-120	PCRS-8W2-120	PCRL-096-100	PCRL-Q96-100	PCRL-L96-100	PCRL-W96-100
Applied Biosystems (Lie Technology)	7500Fast	•	•					•	
	StepOne Plus	•	•					•	
	ViiA7 Fast Model (0,1ml)	•	•					•	
	QuantStudio Fast Model (0,1ml)	•	•					•	
	QuantStudio 3/5 Fast (0,1 ml)	•	•					•	
	3500(xL)(0,1 ml Fast 96 well)	•	•					•	
	3500(xL)(0,2 ml Standard 96 well)			•	•		•		
Bio-Rad	iCycler iQ			•	•	•	•		
	iQ5			•	•	•	•		
	MyiQ			•	•	•	•		
	Chromo4			•	•	•	•		
	Opticon I & II	•	•						•
	CFX96	•	•						•

You can see the complete table on our website www.labbox.com

ACRYLAMIDE

labkem

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



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
Assay > 99.9% Insol. matter < 0.05% Acryl. acid < 0.001% H ₂ O < 0.1%	ACAD-00B-1K0	 1 kg	

AGAROSE

labkem

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

AGAROSE D1 LOW EEO (ELECTROENDOSMOSIS) GEN	reference	packaging	price
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	 500 g	
AGAROSE E GEN	reference	packaging	price
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	 500 g	
AGAROSE LM-SIEVE GEN	reference	packaging	price
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	 100 g	
AGAROSE MS-4 GEN	reference	packaging	price
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	 100 g	

AMMONIUM PEROXODISULFATE

labkem

MW: 228.19 CAS: 7727-54-0 EC: 231-786-5 EC INDEX: 016-060-00-6 UN: 1444 TARIC code: 28334000



IMDG: 5.1 III UN 1444 ADR: 5.1 02 III UN 1444 IATA: 5.1 III UN 1444

AMMONIUM PEROXODISULFATE GEN FOR ELECTROPHORESIS	reference	packaging	price
Assay > 98% Free Acid < 0.04meq/g Cl ⁻ < 0.0005% Heavy metals (Pb) < 0.001% Fe < 0.001% Mn < 0.00005% Res. on ignition < 0.05% Insol. matter < 0.005%	AMPS-00B-1K0	 1 L	

DIMETHYL SULFOXIDE

labkem

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



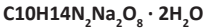
IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074

DIMETHYL SULFOXIDE GEN FOR CELL BIOLOGY	reference	packaging	price
Assay > 99.5% Free Acid < 0.001% Non-Vol. Mat. < 0.001% Phosphorous(P) < 0.00001% Si < 0.00002% H ₂ O < 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  100 ml

EDTA - ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT DIHYDRATE

labkem

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



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
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	 500 g	

FICOLL® 400

labkem

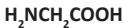
MW: 400000 CAS: 26873-85-8 TARIC code: 39072020

FICOLL® 400 GEN	reference	packaging	price
DNAses/RNAses/Proteases free App. White to off-white	FCOL-00B-010	 10 g	

GLYCINE

labkem

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



GLYCINE GEN FOR ELECTROPHORESIS AND MOLECULAR BIOLOGY	reference	packaging	price
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	 1 kg	

IPTG

labkem

MW: 238.3 CAS: 367-93-1



IPTG GEN	reference	packaging	price
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	 5 g	

LB (LENNOX) AGAR

labkem

TARIC code: 13023100

LB (LENNOX) AGAR GEN	reference	packaging	price
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	 500 g	

LB (LENNOX) BROTH

labkem

TARIC code: 13023100

LB (LENNOX) BROTH GEN	reference	packaging		price
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	LBBR-00P-500		500 g	
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				

LBZOL REAGENT

labkem

CAS: 593-84-0,

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



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

LITHIUM CHLORIDE

labkem

MW: 42.39 CAS: 7447-41-8 EC: 231-212-3 TARIC code: 28273985

LiCl 

LITHIUM CHLORIDE GEN FOR MOLECULAR BIOLOGY	reference	packaging		price
DNAses/RNAses/Proteases free Assay > 99.0% Loss on dry. < 1%	LICH-00B-100		100 g	
SO ₄ < 0.01% As < 0.005% Ca < 0.01% Fe < 0.005 Na < 0.2				

LB (MILLER) AGAR

labkem

TARIC code: 13023100

LURIA AGAR (MILLER'S LB AGAR) GEN	reference	packaging		price
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:	AGLU-00P-500		500 g	
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				

LB (MILLER) BROTH

labkem

TARIC code: 13023100

LURIA BROTH (MILLER'S LB BROTH) GEN	reference	packaging		price
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 25g/L Preparation:	LUBR-00P-500		500 g	
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				

MAGNESIUM CHLORIDE HEXAHYDRATE

labkem

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

MgCl₂·6H₂O

MAGNESIUM CHLORIDE HEXAHYDRATE GEN FOR MOLECULAR BIOLOGY	reference	packaging		price
DNAses/RNAses/Proteases free Assay > 99.0% Loss on dry. < 1%	MGCH-06B-500		500 g	
SO ₄ < 0.01% As < 0.005% Ca < 0.01% Fe < 0.005 Na < 0.2				

3-(N-MORFOLINO)PROPANESULFONIC ACID (MOPS)

labkem

MW: 209.27 CAS: 1132-61-2 TARIC code: 29349990



3-(N-MORFOLINO)PROPANESULFONIC ACID (MOPS) GEN FOR BIOCHEMISTRY	reference	packaging	price
Assay > 99.5% pH 3.5 - 4.5 Melt. point > 280°C	Fe < 0.0005% Pb < 0.0005% Abs. (260nm) < 0.05	Abs. (280nm) < 0.05 H ₂ O < 0.5%	MOPS-00B-100
		 100 g	

PONCEAU S RED SOLUTION

labkem

TARIC code: 38220000



PONCEAU S RED SOLUTION GEN FOR MOLECULAR BIOLOGY	reference	packaging	price
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
		 250 ml	

TERRIFIC BROTH

labkem

TARIC code: 13023100

TERRIFIC BROTH GEN	reference	packaging	price
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	
		 500 g	

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

labkem

TARIC code: 38220000

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

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

labkem

TARIC code: 38220000

TRIS-BORATE-EDTA-BUFFER PH 8.3 (10X) GEN	reference	packaging	price
Composition TRIS 1.0 mol/l EDTA 0.02 mol/l H ₃ BO ₃ 1.0	TBEB-083-1K0	 1 L	

TRIS (HYDROXYMETHYL) AMINOMETHANE

labkem

CAS: 77-86-1 MW: 121,14 EC: 201-064-4 TARIC code: 29221985



TRIS (HYDROXYMETHYL) AMINOMETHANE GEN	reference	packaging	price
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
		 250 g	

TWEEN® 20

labkem

MW: 1227.72 CAS: 9005-64-5 TARIC code: 34021300

TWEEN® 20 GEN FOR BIOCHEMISRY	reference	packaging	price
Density 1.095 - 1.105 Solub. in H ₂ O > 100g/l	boiling point > 100° C	TWEN-20B-100	
		 100 ml	

ULTRAPURE WATER

labkem

MW: 18.02 CAS: 7732-18-5



ULTRAPURE WATER GEN	reference	packaging	price
PH 5.4 - 7.0 Conductivity at 25 °C < 2.5µS/cm	ULTW-001-1K0	 1 L	

UREA

labkem

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



UREA GEN FOR ELECTROPHORESIS AND MOLECULAR BIOLOGY	reference	packaging		price
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	 100 g	

X-GAL

labkem

MW: 408.63 CAS: 7240-90-6



X-GAL GEN	reference	packaging		price
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	 1 g	

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

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.

CULTURE MEDIA FOR MICROBIOLOGY

AGAR AGAR

labkem

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

AGAR AGAR BAC			reference	packaging		price
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% Absence 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		500 g	

BACTERIOLOGICAL PEPTONE

labkem

TARIC code: 35040090

BACTERIOLOGICAL PEPTONE BAC			reference	packaging		price
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		500 g	

BAIRD PARKER AGAR BASE

labkem

TARIC code: 13023100

BAIRD PARKER AGAR BASE BAC PH. EUR.			reference	packaging		price
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		500 g	

BLOOD AGAR BASE

labkem

TARIC code: 13023100

BLOOD AGAR BASE BAC	reference	packaging		price
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	 500 g	

BRILLIANT GREEN BILE BROTH 2% (BRILA)

labkem

TARIC code: 13023100

BRILLIANT GREEN BILE BROTH 2% (BRILA) BAC ISO-4831, ISO-4832			reference	packaging		price
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		500 g	

BUFFERED PEPTONE WATER

labkem

TARIC code: 13023100

BUFFERED PEPTONE WATER BAC PH. EUR.			reference	packaging		price
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		500 g	
BUFFERED PEPTONE WATER BAC ISO-6579, ISO-22964, ISO-6887, ISO-19250, DIN-10181, DIN-10160			reference	packaging		price
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		500 g	

CHAPMAN AGAR (TTC)

labkem

TARIC code: 13023100

CHAPMAN AGAR (TTC) BAC ISO-9308-1			reference	packaging		price
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		500 g

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
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		500 g	

COLIFORM CHROMOGENIC AGAR (CCA)

labkem

TARIC code: 13023100

COLIFORM CHROMOGENIC AGAR (CCA) BAC ISO-9308			reference	packaging		price
App.: clear amber pH (25°C): 6.6 - 7.0 Homogeneous, free flowing and beige in colour. If any changes physically, discard product.	Conc. of use: 26.45g/l Preparation: Dissolve 26.45 gr in 1 L of water and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)	(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 8°C	AGCC-00I-500		500 g	

EGG YOLK EMULSION + TELLURITE SUPPLEMENT

labkem

TARIC code: 38220000

Delivery time 2 weeks

EGG YOLK EMULSION + TELLURITE SUPPLEMENT BAC			reference	packaging		price
Colour: Yellow Tellurite Egg Yolk Emulsion, sterilized and stabilized, for use in microbiology applications. ready for use with ABBP-OEP 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	



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FERRIC AMMONIUM CITRATE SUPPLEMENT

labkem

TARIC code: 38220000

Delivery time 2 weeks

FERRIC AMMONIUM CITRATE SUPPLEMENT BAC ISO-11290-1		reference	packaging	price
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	

D(+)-GLUCOSE ANHYDROUS

labkem

CAS: 50-99-7 MW: 180,16 EC: 200-075-1 TARIC code: 17023000



D(+)-GLUCOSE ANHYDROUS BAC	reference	packaging	price
App.: Colourless cryst. white powder Spec. Rot. (20°C;10%H ₂ O): 52.5 - 53.0° Insol. matter < 0.005% Loss on dry. (105 °C) < 0.2% Cl ₂ < 0.0025% Starch:: Passes test Acid. (Acetic acid) < 0.015% Ash (SO ₃) < 0.02% SO ₄ < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0005% As < 0.00004% Pb < 0.0005%	GLUC-A0A-500	 500 g	

LISTERIA AGAR BASE OXFORD

labkem

TARIC code: 13023100



LISTERIA AGAR BASE OXFORD BAC ISO-11290-2	reference	packaging	price
App.: amber pH (25°C): 7.0 - 7.2 Homogeneous, free flowing and beige in colour. If any changes physically, discard product. Conc. of use: 13.9g/l Preparation: Dissolve 27.8 gr in 500 ml 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 1 vial of OLSS-00I, previously reconstituted in 5 ml of water/acetone Once open. avoid hydration Storage temp.: 2 - 25°C	ABOX-00I-500	 500 g	

LISTERIA AGAR BASE PALCAM

labkem

TARIC code: 13023100



LISTERIA AGAR BASE PALCAM BAC ISO-11290-2	reference	packaging	price
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Red pH (25°C): 7.0 - 7.4 Conc. of use: 68.8g/l Preparation: Dissolve 34.4 gr on 500 ml with heat and boil for 1 min until complete dissolution. After cooling to 50°C add one vial of PLSS-00I previously reconstituted in 5ml of sterile distilled water Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C	ABPA-00I-500	 500 g	

LISTERIA ENRICHMENT FRASER BROTH BASE

labkem

TARIC code: 13023100

LISTERIA ENRICHMENT 1/2 FRASER BROTH BASE BAC ISO-11290-1	reference	packaging	price
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	 500 g	
LISTERIA ENRICHMENT FRASER BROTH BASE BAC ISO-11290-1	reference	packaging	price
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	 500 g	

LYSINE DECARBOXYLASE MEDIUM

labkem

TARIC code: 13023100

LYSINE DECARBOXYLASE MEDIUM BAC ISO-6579, ISO-10273, ISO-19250			reference	packaging		price
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-001-500		500 g	

MACCONKEY AGAR

labkem

TARIC code: 13023100

MACCONKEY AGAR BAC PH. EUR., ISO-21567			reference	packaging		price
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		500 g	

MAN, ROGOSA AND SHARPE AGAR (MRS)

labkem

TARIC code: 13023100

MAN, ROGOSA AND SHARPE AGAR (MRS) BAC			reference	packaging		price
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		500 g	

MUELLER HINTON AGAR

labkem

TARIC code: 13023100

MUELLER HINTON AGAR BAC			reference	packaging		price
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		500 g	

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
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-001-500		500 g	

OXFORD LISTERIA SELECTIVE SUPPLEMENT

labkem

TARIC code: 38220000

 Delivery time 2 weeks

OXFORD LISTERIA SELECTIVE SUPPLEMENT BAC ISO-11290-1			reference	packaging		price
Aseptically reconstitute 1 vial with 5ml of of 1:1 v/v sterile distilled water/acetone. Aseptically add 500 ml of ABOX-001 once autoclaved and cooled		to 50°C. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C	OLSS-001-010		10 pcs	

PALCAM LISTERIA SELECTIVE SUPPLEMENT

labkem

TARIC code: 38220000

Delivery time 2 weeks

PALCAM LISTERIA SELECTIVE SUPPLEMENT BAC ISO-11290-2			reference	packaging		price
Aseptically reconstitute 1 vial with 5ml of of 1:1 v/v sterile distilled water/acetone. Aseptically add 500 ml of ABPA-001 once autoclaved and cooled		to 50°C. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C	PLSS-001-010		10 pcs	

PEPTONE FROM CASEIN (TRYPTONE)

labkem

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

PEPTONE FROM CASEIN (TRYPTONE) BAC	reference	packaging		price
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	TRYN-00P-500		500 g	
Once open. avoid hydration Storage temp.: 2 - 25°C				

POLYENRICHMENT SUPPLEMENT

labkem

TARIC code: 38220000

Delivery time 2 weeks

POLYENRICHMENT SUPPLEMENT BAC		reference	packaging	price
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	

RAPPAPORT SOY BROTH ACCORDING VASSILIADIS

labkem

TARIC code: 13023100

RAPPAPORT SOY BROTH ACCORDING VASSILIADIS BAC PH. EUR.	reference	packaging		price
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		500 g	
RAPPAPORT SOY BROTH ACCORDING VASSILIADIS BAC ISO-6579, ISO-19250	reference	packaging		price
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		500 g	

SABORAUD DEXTROSE AGAR

labkem

TARIC code: 13023100

SABORAUD DEXTROSE AGAR BAC PH. EUR.	reference	packaging		price
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)	AGDS-0EP-500		500 g	
Once open. avoid hydration Storage temp.: 2 - 25°C				

SABOURAUD DEXTROSE W/ CHLORAMPHENICOL AGAR

labkem

TARIC code: 13023100

SABOURAUD DEXTROSE W/ CHLORAMPHENICOL AGAR BAC	reference	packaging		price
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.	AGSC-00P-500		500 g	
Steril. 121°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C				



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STANDARD METHODS AGAR (PCA)

labkem

TARIC code: 13023100

STANDARD METHODS AGAR (PCA) BAC ISO-4833		reference	packaging		price
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	

SULFITE POLYMYXIN SULFADIAZINE AGAR (SPS)

labkem

TARIC code: 13023100

SULFITE POLYMYXIN SULFADIAZINE AGAR (SPS) BAC		reference	packaging		price
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	

TRIPLE SUGAR IRON AGAR (TSI)

labkem

TARIC code: 13023100

TRIPLE SUGAR IRON AGAR (TSI) BAC ISO-6579, ISO-19250		reference	packaging		price
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	

TRYPTICASEIN SOY AGAR (TSA)

labkem

TARIC code: 13023100

TRYPTICASEIN SOY AGAR (TSA) BAC PH. EUR.		reference	packaging		price
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	<i>S. aureus</i> ATCC25923 Growth: Good <i>S. aureus</i> ATCC6538 Growth: Good <i>S. epidermidis</i> ATCC12228 Growth: Good <i>S. pneumoniae</i> ATCC 6303 Growth: Good <i>Streptococcus pneumoniae</i> ATCC 6303 Growth: Good <i>S. pyogenes</i> ATCC 19615 Growth: Good <i>P. aeruginosa</i> ATCC 9027 Growth: Good <i>B. subt.</i> ATCC 6633 Growth: Good <i>C. albicans</i> ATCC 10231 Growth: Good <i>A. brasiliensis</i> ATCC 16404 Growth: Good		AGST-0EP-500	P 500 g	

TRYPTICASEIN SOY BROTH (TSB)

labkem

TARIC code: 13023100

TRYPTICASEIN SOY BROTH (TSB) BAC PH. EUR.		reference	packaging		price
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 <i>B. abortus</i> ATCC 4315 Growth: Good <i>S. aureus.</i> ATCC6538 growth: Good	<i>E. coli</i> ATCC 25922 Growth: Good <i>E. coli</i> ATCC 8739 Growth: Good <i>E. aerogenes</i> ATCC 13048 Growth: Good <i>C. albicans</i> ATCC 10231 Growth: Good <i>S. pyogenes</i> ATCC 19615 Growth: Good <i>S pneumoniae</i> ATCC 6303 Growth <i>Streptococcus pneumoniae</i> ATCC 6303 Growth: Good <i>P. aeruginosa</i> ATCC 9027 Growth: Good <i>S. typhimurium</i> ATCC 14028 Growth: Good <i>B. subt.</i> ATCC 6633 Growth: Good <i>A. brasiliensis</i> ATCC 16404 Growth: Good		STRB-0EP-500	P 500 g	

TTC 1% SUPPLEMENT

labkem

TARIC code: 38220000

 Delivery time 2 weeks

TTC 1% SUPPLEMENT BAC		reference	packaging		price
Aseptically reconstitute 1 vial with 2.5 ml of water. Mix and aseptically add to 500 ml of AGCH-001. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C		TTCS-00P-010		10 pcs	

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
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		500 g	

VIOLET RED BILE W/ LACTOSE AGAR (VRBL)

labkem

TARIC code: 13023100

VIOLET RED BILE W/ LACTOSE AGAR (VRBL) BAC ISO-4832	reference	packaging		price
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		500 g	

XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD)

labkem

TARIC code: 13023100

XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD) BAC PH. EUR	reference	packaging		price
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		500 g	
XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD) BAC ISO-6579, ISO-19250, ISO-21567	reference	packaging		price
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		500 g	

YEAST EXTRACT

labkem

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

YEAST EXTRACT BAC	reference	packaging		price
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-0MB-500		500 g	



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STAINS, DYES AND REAGENTS FOR MICROBIOLOGY AND PATHOLOGY

ALCIAN BLUE 8GX

labkem

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

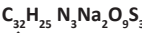


ALCIAN BLUE 8GX (C.I. 74240) MIC	reference	packaging		price
Assay 98.5 - 101% Insol. matter < 0.01% pH (5%, 20°C) 2.5 - 3.5 Cl ⁻ < 0.001% Ca + K + Na < 0.03% Fe < 0.004% Heavy metals (Pb) < 0.0005% SO ₄ < 0.005%	ABLU-00P-010		10 g	

ANILINE BLUE, C.I. 42755

labkem

CAS: 28631-66-5 MW: 737,72 EC: 249-113-9 TARIC code: 32041900

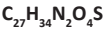


ANILINE BLUE (C.I. 42755) WATER SOLUBLE MIC	reference	packaging		price
App.: Brownish-purple crystalline powder With metallic lustre Abs. max (0.005) mol/L HCl: 595 - 610nm Used with fuchsin acid as Mallory's connective tissue stain visualizes chromosomes and cellulose walls in plants	ANBL-00D-025		25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

BRILLIANT GREEN, C.I. 42040

labkem

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



BRILLIANT GREEN (C.I. 42040) MIC	reference	packaging		price
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		25 g	

CARMINE, C.I. 75470

labkem

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



CARMINE (C.I. 75470) MIC	reference	packaging		price
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		25 g	

CONGO RED, C.I. 22120 SEE P. 383

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

CRYSTAL VIOLET (C.I. 42535+42555) MIC	reference	packaging		price
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		25 g	

DECALCIFIER SOLUTION

labkem

CAS: 64-18-6

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



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

EOSIN ALCOHOLIC SOLUTION 0.5%

labkem

CAS: 17372-87-1

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
Color: Orange Odor: Alcohol-like Composition: Ethyl alcohol, eosin Y	EOYE-A0D-500		500 ml	

EOSIN AQUEOUS SOLUTION 1%

labkem

CAS: 548-26-5

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

EOSIN YELLOWISH, C.I. 45380

labkem

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



EOSIN YELLOWISH (C.I. 45380) MIC	reference	packaging		price
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		25 g	

FLUORESCCEIN SODIUM, C.I. 45350

labkem

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



FLUORESCCEIN SODIUM (C.I. 45350) MIC , BP	reference	packaging		price
Appearance/colour Dark brownish-red - dark orange red powder Assay 90 - 102% Loss on dry. (135 °C) < 17% Solub. (1 mg/mL H ₂ O) Clear to slightly hazy dark yellow - to brownish Yellow solution with greenish fluorescence Lambda max. < 491nm	FLUO-00D-025		25 g	
	FLUO-00D-100		100 g	

FORMALDEHYDE, DILUTED SOLUTION STABILIZED WITH METHANOL

labkem

CAS: 50-00-0 MW: 30,03 EC: 200-001-8 TARIC code: 29121100



FORMALDEHYDE, SOLUTION 3.7-4.0% HIS BUFFERED pH=7	reference	packaging		price
Assay 3.7 - 4% Content of MeOH 1 - 1.5% w/v pH 6.8 - 7.2	FORM-D0P-10K		10 L	
Pack of 24 vials of 120 ml for tissue samples pre-filled with 75 ml of dilute formaldehyde stabilized with methanol	FORM-D0P-120		24x120 ml	

FUCHSIN ACID, C.I. 42685

labkem

CAS: 3244-88-0 MW: 585,54 EC: 221-816-6 TARIC code: 32041200



FUCHSIN ACID (C.I. 42685) MIC	reference	packaging	price
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 FUCH-A0D-025	 10 g  25 g

FUCHSIN BASIC, C.I. 42510

labkem

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



FUCHSIN BASIC (C.I. 42510) MIC	reference	packaging	price
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	 25 g

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
Abs. max. 544 - 548nm Abs. (A ₁ %; 1cm; λ _{max} ; 1:2000) 0.38 - 0.6	Suitability test Passes test	FUCH-BZD-500	 500 ml

GIEMSA'S STAIN

labkem

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



GIEMSA'S STAIN MIC	reference	packaging	price
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	 100 g

GIEMSA STAIN SOLUTION

labkem

CAS: 51811-82-6 EC: 257-438-2 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
App. Blue coloured solution Abs. max. λ _{1max} 630 - 655nm Abs. max. λ _{2max} 520 - 525nm		EOMB-MSD-1K0	 1 L

GILL'S HEMATOXYLIN SOLUTION

labkem



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

HARRIS’S HEMATOXYLIN FOR PAPANICOLAOU

labkem



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

HEMATOXYLIN, C.I. 75290

labkem



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

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

INDIGO CARMINE C.I. 73015) *SEE P. 383*

LACTOPHENOL (COTTON BLUE) SOLUTION

labkem

TARIC code: 38220000

ADR: 6.1 T1 II UN 2821 IMDG: 6.1 II UN 2821 IATA: 6.1 II UN 2821

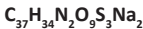


LACTOPHENOL (COTTON BLUE) SOLUTION MIC	reference	packaging		price
Suit. for microb. Passes test	LACP-00D-100	G	100 ml	
Solub. in H ₂ O (20°C) Passes test Blue sol. for staining fungi				

LIGHT GREEN SF YELLOWISH C.I. 42095

labkem

CAS: 5141-20-8 MW: 792,86 EC: 225-906-5 TARIC code: 32041900



LIGHT GREEN SF YELLOWISH 65% (C.I. 42095) MIC	reference	packaging		price
Assay > 65% App. Dark violet powder	LIGR-00P-025	P	25 g	
Solub. (1 mg/mL H ₂ O) Passes test Loss on dry. (110 °C) < 12% Abs. max. (H ₂ O) 629 - 634nm For electrophoresis and histology				

MAY-GRÜNWARD’S STAIN

labkem

CAS: 68988-92-1 TARIC code: 32041900



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

MAY-GRÜNWARD’S SOLUTION MODIFIED FOR MICROSCOPY

labkem

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-GRÜNWARD’S SOLUTION EOSINE-METHYLENE BLUE MODIFIED MIC	reference	packaging		price
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	EOBL-MSD-500	P	500 ml	
Abs. (A ₂ %; λ _{2max} ; 1:250 MeOH) 0.3 - 0.4 Suit. for microb. Passes test				

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METHYL ORANGE C.I. 13025 *SEE P. 384*

METHYL RED C.I. 13020 *SEE P. 384*

METHYLENE BLUE C.I. 52015 *SEE P. 384*

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$$\text{C}_{15}\text{H}_{17}\text{ClN}_4$$

ORANGE G, C.I. 16230

$$\text{C}_{16}\text{H}_{10}\text{N}_2\text{Na}_2\text{O}_7\text{S}_2$$

ORCEIN

$$\text{C}_{28}\text{H}_{24}\text{N}_2\text{O}_7$$
 

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

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

labkem

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

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

labkem

TARIC code: 32041400

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

PAPANICOLAOU EA50 SOLUTION

labkem

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



PAPANICOLAOU EA50 SOLUTION, MIC	reference	packaging		price
Color: Orange Odor: Alcohol-like	PPAN-S50-500		500 ml	

PAPANICOLAOU OG6 SOLUTION

labkem

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



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

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

SUDAN III, C.I. 26100

labkem

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

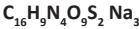


SUDAN III (C.I. 26100) MIC	reference	packaging		price
Assay > 85% Abs. max. 508 - 512nm	SUDN-30D-025		25 g	

TARTRAZINE FOR MICROSCOPY, C.I. 19140

labkem

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



TARTRAZINE (C.I. 19140) MIC	reference	packaging		price
Abs. max. (H ₂ O) 421 - 427nm Sp. abs. (A ₁ %; 1cm; λmax) < 400	TART-00D-100		100 g	

TOLUIDINE BLUE, C.I. 52040

labkem

CAS: 92-31-9 MW: 305,82 EC: 202-146-2 TARIC code: 32041300



TOLUIDINE BLUE (C.I. 52040) MIC	reference	packaging		price
Assay > 50% Abs. max. (H ₂ O) 620 - 638nm	TLBL-00D-005		5 g	
Loss on dry. (110 °C) < 8%	TLBL-00D-025		25 g	

TOLUIDINE BLUE SOLUTION

labkem

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

WRIGHT’S STAIN

labkem

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
App. Greenish black/blue cryst. powder Abs. max. λ_{1max} (MeOH) 640 - 648nm Abs. max. λ_{2max} (MeOH) 522 - 525nm Sp. Abs. (A_{21} ; 1cm; λ_{1max}) > 1100 Sp. Abs. (A_{22} ; 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		25 g	

XYLENE SUBSTITUTE

labkem

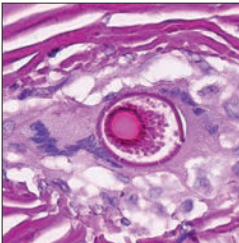
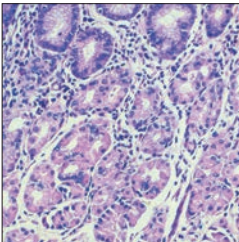
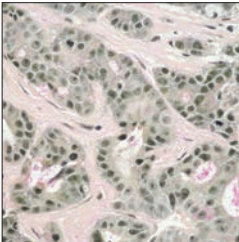
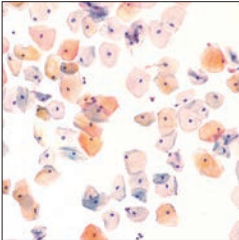
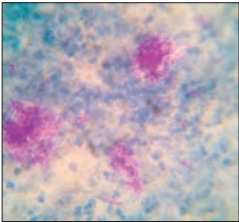
CAS: 64714-66-8 EC: 265-068-8
IMDG: 8 II UN 3264 ADR: 8 II C1 UN 3264 IATA: 8 II UN 3264



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

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.com
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.
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reference	type	n° tests / sales unit	price/pack
ABLU-KA2-100	Alcian, Blue pH 1 Detection of highly acidic mucins only	100	
ABLU-KA3-100	Alcian, Blue pH 2.5 Detection of acidic mucins	100	
CONG-KHI-100	Highman, Congo Red Detection of amyloid	100	
TRIC-KML-100	Mallory, Trichrome Coloration of connective tissue	100	
TRIC-KMA-100	Masson, Trichrome Standard Detection of collagen fibers in tissues	100	
MUCI-K01-100	Mucicarmine Detection of acid mucopolysaccharides of epithelial origin (mucins)	100	
ORCE-KFB-100	Orcein Selective staining method for identifying elastin protein	100	
PANO-KPR-100	Panoptic, rapid Differential staining method for blood cells	100	
SCHF-K01-100	Periodic Acid Schiff (P.A.S.) Detection of polysaccharides in tissues	100	
TRIC-KVG-100	Van Gieson, Trichrome Detection of abnormal elastic tissue	100	
HEMA-KWE-100	Weigert, Hematoxylin Nuclear staining resistant to decolorization by acidic staining solutions	100	
FUCH-KZN-100	Ziehl-Neelsen Identification of acid-fast organisms, mainly Mycobacteria	100	

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Ready-to-use

Reproducible results

Up to 100 tests per kit

Regular stains and special staining techniques

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



IMDG: 3 II UN 1090 ADR: 3 II UN 1090 (D/E) IATA: 3 II UN 1090



ACETONE HPLC GGR	reference	packaging		price
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 ₂ O passes test Subst. red. KMnO ₄ passes test Aldehydes < 0.002% Methanol < 0.05% 2-Propanol < 0.05%	ACET-0GH-2K5		2,5 L	
	ACET-0GH-P04		4x2,5 L	
ACETONE PESTICIDE GRADE PGR	reference	packaging		price
Assay > 99.5% Water (KF) < 0.5% Colour (Hazen) < 10 Non-Vol. Mat. < 0.0005%	ACET-0GC-2K5		2,5 L	
	ACET-0GC-P04		4x2,5 L	

ACETONITRILE

labkem

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

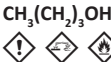


ACETONITRILE GC / HPLC GGR	reference	packaging		price
UV-Abs. max. lim. (195 nm) < 0.15 UV-Abs. max. lim. (200 nm) < 0.05 UV-Abs. max. lim. (205 nm) < 0.04 UV-Abs. max. lim. (210 nm) < 0.02 UV-abs. max. lim. (220 nm) < 0.01 UV-Abs. max. lim. (254 nm) < 0.009 UV Cutoff < 190nm Grad. Elut. test passes test Assay > 99.9% Colour (Hazen) < 10 H ₂ O (by KF) < 0.01% Res. on evap. < 0.0001% Titr. acid < 0.0008mEq/g Titr. base < 0.0006mEq/g	ACTN-0GH-2K5		2,5 L	
	ACTN-0GH-P04		4x2,5 L	
	ACTN-0GH-4K0		4 L	
	ACTN-0GH-PG4		4x4 L	
ACETONITRILE LC/MS LGR	reference	packaging		price
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		2,5 L	
	ACTN-LCM-P04		4x2,5 L	

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



1-BUTANOL HPLC GGR			reference	packaging		price
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		2,5 L	

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



CYCLOHEXANE HPLC GGR			reference	packaging		price
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	
			CYHX-00H-P04		4x2,5 L	

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



DICHLOROMETHANE (STABILIZED WITH AMYLENE) HPLC GGR				reference	packaging	price
Assay > 99.8%	Non-Vol. Mat. < 0.0005%	UV-Tr. (1cm;Wat.) 240 nm > 75%	DCHM-0GH-2K5		2,5 L	
Water (KF) < 0.01%	Stabilizer (amylene) 0.005%	UV-Tr. (1cm;Wat.) 250 nm > 98%				
Acidity < 0.0005meq/g	Res. on ignition < 0.0002%	UV-Tr. (1cm;Wat.) 260 nm > 99%	DCHM-0GH-P04		4x2,5 L	
Alkalinity < 0.0005%	UV-Tr. (1cm;Wat.) 235 nm > 40%					

DIMETHYL SULFOXIDE

labkem

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



DIMETHYL SULFOXIDE HPLC GGR			reference	packaging		price
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% Tit. acid < 0.001 ppm	DMSO-0GH-2K5		2,5 L	
			DMSO-0GH-P04		4x2,5 L	

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



ETHYL ACETATE HPLC GGR			reference	packaging		price
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		2,5 L	
			ETAC-0GH-P04		4x2,5 L	



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



N-HEPTANE 95% PESTICIDE GRADE PGR				reference	packaging	price
Assay > 95.0% Water (KF) < 0.02%	Colour (Hazen) < 10 Res. on evap. < 0.0005%			HPTN-5GC-2K5	 2,5 L	
				HPTN-5GC-P04	 4x2,5 L	
N-HEPTANE 99% HPLC GGR				reference	packaging	price
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%			HPTN-9GH-2K5	 2,5 L	
				HPTN-9GH-P04	 4x2,5 L	

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



N-HEXANE 95% HPLC GGR			reference	packaging		price
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		2,5 L	
			HXAN-5GH-P04		4x2,5 L	
N-HEXANE 95% PESTICIDE GRADE PGR			reference	packaging		price
Assay > 95% Water (KF) < 0.02% Colour (Hazen) < 10	Acidity < 0.0005 meq/g Res. on evap. < 0.0005%		HXAN-5GC-2K5		2,5 L	
			HXAN-5GC-P04		4x2,5 L	

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



N-HEXANE (ISOMERS) HPLC GGR		reference	packaging		price
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	HXAN-IGH-2K5		2,5 L	
		HXAN-IGH-P04		4x2,5 L	

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



ISOOCTANE HPLC GGR	reference	packaging	price
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 ₈ H 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	 2,5 L	
	ISCT-0GH-P04	 4x2,5 L	
ISOOCTANE PESTICIDE GRADE PGR	reference	packaging	price
Assay (C ₈ H ₁₈) > 99% Water (KF) < 0.02% Colour (Hazen) < 10 Acidity < 0.0005 meq/g Res. on evap. < 0.0005%	ISCT-0GC-2K5	 2,5 L	
	ISCT-0GC-P04	 4x2,5 L	

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



METHANOL GC / HPLC GGR	reference	packaging	price
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 ₂ O (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 ₂ SO ₄ passes test Subst. red. KMnO ₄ passes test Solub. in H ₂ O passes test ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 LC Grad. Suit.	MTOL-0GH-2K5	 2,5 L	
	MTOL-0GH-P04	 4x2,5 L	
	MTOL-0GH-4K0	 4 L	
	MTOL-0GH-PG4	 4x4 L	
METHANOL LC/MS LGR	reference	packaging	price
Assay > 99.9% App. Clear colourless liquid H ₂ O (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	 2,5 L	
	MTOL-LCM-P04	 4x2,5 L	

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

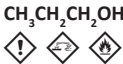


PETROLEUM ETHER 40-60 HPLC GGR	reference	packaging	price
Water < 0.01% Acidity < 0.0005meq/q Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 210 nm > 60% UV-Tr. (1cm;Wat.) 220 nm > 80% UV-Tr. (1cm;Wat.) 230 nm > 90% UV-Tr. (1cm;Wat.) 240 nm > 98% UV-Tr. (1cm;Wat.) 250 nm > 99%	PEET-4GH-2K5	 2,5 L	
	PEET-4GH-P04	 4x2,5 L	

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



1-PROPANOL HPLC GGR	reference	packaging	price
Assay > 99.5% Water (KF) < 0.05% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	PROL-1GH-2K5	   2,5 L	
	PROL-1GH-P04	   4x2,5 L	

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



2-PROPANOL HPLC GGR	reference	packaging	price
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	   2,5 L	
	PROL-2GH-P04	   4x2,5 L	
2-PROPANOL LC/MS LGR	reference	packaging	price
Assay > 99.9% Filtered through 0.2 µm App. Clear colourless liquid H ₂ O (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	   2,5 L	
	PROL-LCM-P04	   4x2,5 L	

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



TETRAHYDROFURAN HPLC GGR	reference	packaging	price
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	   2,5 L	
	TETR-0GH-P04	   4x2,5 L	

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



TOLUENE HPLC GGR	reference	packaging	price
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	   2,5 L	
	TOLN-0GH-P04	   4x2,5 L	

WATER

labkem

MW: 18.02 CAS: 7732-18-5 EC: 231-791-2

H₂O

WATER GC / HPLC GGR				reference	packaging		price
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		2,5 L	
				WATR-00H-P04		4x2,5 L	
				WATR-00H-4K0		4 L	
				WATR-00H-PG4		4x4 L	
WATER LC/MS LGR				reference	packaging		price
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		2,5 L	
				WATR-LCM-P04		4x2,5 L	

PACKAGING OF 4 L

For Water, Methanol and Acetonitrile
HPLC gradient grade and GC
GL38 neck

THE MOST ECONOMICAL

ABSORBENT POWDER *SEE P. 312*

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



ACETIC ACID, GLACIAL 99.5% GLR				BASICHEM	reference	packaging		price
App. Colourless clear liquid		1.049	SO ₄ < 0.0005%		ACAC-G0P-1K0		1 L	
Assay > 99.5%		Res. on evap. < 0.005%	Heavy metals (Pb) < 0.0002%		ACAC-G0P-2K5		2,5 L	
Density at 20°C approx. 1.049 - approx.		Cl ⁻ < 0.0002%	Fe < 0.0005%		ACAC-G0P-5K0		5 L	
ACETIC ACID, GLACIAL 99.5% AGR				BASICHEM	reference	packaging		price
Assay > 99.5%		Cl ⁻ < 0.0001%	Fe < 0.00006%		ACAC-GGA-1K0		1 L	
Acetaldehyde < 0.01%		Density at 20°C 1.049 - 1.052g/ml	SO ₄ < 0.0002%		ACAC-GGA-2K5		2,5 L	
Subst. red. KMnO ₄ < 0.02%		Res. on evap. < 0.002%	Heavy metals (Pb) < 0.0001%					
ACETIC ACID, GLACIAL 99.8% AGR ACS, ISO, PH. EUR.				BASICHEM	reference	packaging		price
Assay > 99.8%		Cr < 0.000002%	Pb < 0.000002%	Acetic anhydride < 0.01% Indif. to CrO ₃ Passes test Subst. red. KMnO ₄ < 0.002% H ₂ O < 0.15% Colour (Hazen) < 5 Res. on evap. < 0.001% Heavy met. < 0.00005% Alkalinity < 0.0004meq/g	ACAC-GIA-1K0		1 L	
Non-Vol. Mat. < 0.0005%		Cu < 0.000001%	Sr < 0.000001%		ACAC-GIA-2K5		2,5 L	
Ag < 0.000001%		Fe < 0.000001%	Ti < 0.000001%		ACAC-GIA-P04		4x2,5 L	
Al < 0.000005%		Ge < 0.000005%	Tl < 0.000005%					
As < 0.000001%		K < 0.000001%	V < 0.000001%					
Ba < 0.000001%		Li < 0.000001%	Zn < 0.000005%					
Be < 0.000001%		Mg < 0.000001%	Zr < 0.000001%					
Bi < 0.000001%		Mn < 0.000001%	Cl ⁻ < 0.00005%					
Ca < 0.00002%		Mo < 0.000002%	PO ₄ < 0.00005%					
Cd < 0.000005%		Na < 0.00005%	SO ₄ < 0.00005%					
Co < 0.000001%		Ni < 0.000002%	Acetaldehyde < 0.0002%					

ACETIC ACID, VOLUMETRIC SOLUTION

MW: 60.05 CAS: 64-19-7 EC: 200-580-7 EC INDEX: 607-002-00-6



ACETIC ACID, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA				 BASICHEM	reference	packaging		price
Concentration 0.0996 - 0.1004M					ACAC-01V-1K0		1 L	
ACETIC ACID, VOLUMETRIC SOLUTION 1 M (1 N) VSA				 BASICHEM	reference	packaging		price
Concentration 0.996 - 1.004M					ACAC-1V0-1K0		1 L	

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



ACETIC ANHYDRIDE AGR ACS, ISO, PH. EUR.				BASICHEM	reference	packaging		price
Assay > 99%		Cr < 0.000002%	Zn < 0.00001%		ACAN-00A-1K0		1 L	
Non-Vol. Mat. < 0.003%		Cu < 0.000002%	Cl ⁻ < 0.0002%					
Al < 0.0005%		Fe < 0.00001%	PO ₄ < 0.001%					
B < 0.000002%		Mg < 0.00001%	SO ₄ < 0.0005%					
Ba < 0.00001%		Mn < 0.000002%	Subst. red. KMnO ₄ < 0.01%					
Ca < 0.00005%		Ni < 0.000002%	Res. on evap. < 0.003%					
Cd < 0.000005%		Pb < 0.00001%	Heavy metals (Pb) < 0.00002%					
Co < 0.000002%		Sn < 0.00001%						

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



ACETONE 99.6% GLR			BASICHEM	reference	packaging		price
App. Clear liquid Colour (Hazen) < 10 H ₂ O < 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%		ACET-POP-1K0	P CODEX	1 L	
				ACET-GOP-1K0	G PP2B CODEX	1 L	
				ACET-POP-5K0	P CODEX	5 L	
				ACET-POP-10K	P CODEX	10 L	
				ACET-MOP-25K	M	25 L	
ACETONE 99.5% AGR ACS, ISO, PH. EUR.			BASICHEM	reference	packaging		price
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%		ACET-OIA-1K0	P GL45	1 L	
				ACET-OIA-2K5	P GL45	2,5 L	
				ACET-OIA-P04	P GL45	4x2,5 L	
				ACET-OIA-5K0	P	5 L	
ACETONE HPLC GGR			INSTRUKEM	reference	packaging		price
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 ₂ O passes test Subst. red. KMnO ₄ passes test Aldehydes < 0.002% Methanol < 0.05% 2-Propanol < 0.05%		ACET-OGH-2K5	G GL45	2,5 L	
				ACET-OGH-P04	G GL45	4x2,5 L	
ACETONE PESTICIDE GRADE PGR			INSTRUKEM	reference	packaging		price
Assay > 99.5% Water (KF) < 0.5%	Colour (Hazen) < 10 Non-Vol. Mat. < 0.0005%			ACET-OGC-2K5	G GL46	2,5 L	
				ACET-OGC-P04	G GL46	4x2,5 L	

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



ACETONITRILE GC / HPLC G G R			INSTRUKEM	reference	packaging	price
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 ₂ O (by KF) < 0.01% Res. on evap. < 0.0001% Titr. acid < 0.0008mEq/g Titr. base < 0.0006mEq/g		ACTN-OGH-2K5	 2,5 L	
				ACTN-OGH-P04	 4x2,5 L	
				ACTN-OGH-4K0	 4 L	
				ACTN-OGH-PG4	 4x4 L	



ACETONITRILE LC/MS LGR	INSTRUKEM	reference	packaging		price
LC Grad. Suit. Passes test Assay > 99.9% Colour (Hazen) < 10 Water (KF) < 0.01% Res. on evap. < 0.0001% Tit. acid < 0.008% Tit. 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		500 g 2,5 L
			ACTN-LCM-P04		500 g 4x2,5 L

AGAR BASES FOR MICROBIOLOGICAL CULTURE *SEE P. 38*

AGARS FOR MICROBIOLOGICAL CULTURE *SEE P. 38*

AGAROSSES *SEE P. 25*

ALUMINIUM NITRATE NONAHYDRATE

MW: 375.13 CAS: 7784-27-2 EC: 236-751-8

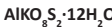
IMDG: 5.1 III UN 1438 ADR: 5.1 III UN 1438 (E) IATA: 5.1 III UN 1438



ALUMINIUM NITRATE NONAHYDRATE AGR	BASICHEM	reference	packaging		price
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		500 g

ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE

MW: 474.39 CAS: 7784-24-9 EC: 233-141-3



ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE EPR PH.EUR.	BASICHEM	reference	packaging		price
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	500 g	500 g	
		ALPS-12P-1K0	1 kg	1 kg	
ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE AGR	BASICHEM	reference	packaging		price
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	500 g	500 g	

ALUMINIUM POWDER

MW: 26.98 CAS: 7429-90-5 EC: 231-072-3

IMDG: 4.3 II UN 1396 ADR: 4.3 II UN 1396 IATA: 4.3 II UN 1396



ALUMINIUM POWDER GLR	BASICHEM	reference	packaging		price
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	250 g	250 g	

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	BASICHEM	reference	packaging	price
Approx. dim. 100 x 30 x 1 mm		ALST-L01-010	10 un.	

ALUMINIUM SULFATE 18-HYDRATE

MW: 666.42 CAS: 7784-31-8 EC: 233-135-0

Al₂(SO₄)₃·18H₂O



ALUMINIUM SULFATE 18-HYDRATE AGR ACS, BP	BASICHEM	reference	packaging	price
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	500 g	

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

H₂NC₆H₄OH



4-AMINOPHENOL GLR	BASICHEM	reference	packaging	price
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	250 g	

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

NH₃



AMMONIA SOLUTION 20% AGR	BASICHEM	reference	packaging	price
Assay 19.5 - 20.5 CO ₃ < 0.002% Ca + Mg < 0.0002% PO ₄ < 0.0001% Cl ⁻ < 0.0001% Cl ⁻ < 0.0001% Subst. red. KMnO ₄ < 0.0008% S < 0.0003% Fe < 0.000025%	Heavy metals (Pb) < 0.00005% Non-Vol. Mat. < 0.003%	AMMO-20A-1K0	1 L	
AMMONIA SOLUTION 25% EPR	BASICHEM	reference	packaging	price
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	1 L	
		AMMO-25P-5K0	5 L	
AMMONIA SOLUTION 25% AGR	BASICHEM	reference	packaging	price
Assay 24 - 28% Carbonates (CO ₃) < 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	1 L	
		AMMO-25A-2K5	2,5 L	



AMMONIA SOLUTION 25% AGR ISO, PH.EUR.			BASICHEM	reference	packaging		price
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 ₂ < 0.0002% Res. on evap. < 0.002% In < 0.000002% Ba < 0.00001%	Fe < 0.00001% Ca < 0.0001% Cr < 0.000005% 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 < 0.000005% Sn < 0.00001% CO ₃ < 0.001% Zn < 0.00001% Subst. red. KMnO ₄ < 0.0005%		AMMO-25I-1K0		1 L	
AMMONIA SOLUTION 30% AGR			BASICHEM	reference	packaging		price
Assay 30 - 32% CO ₃ (CO ₂) < 0.002% Ca + Mg < 0.0002%	Cl ⁻ < 0.0001% PO ₄ < 0.0001% S < 0.0003%	Fe < 0.000025% Heavy metals (Pb) < 0.00005% Non-Vol. Mat. < 0.003%		AMMO-30A-1K0		1 L	
				AMMO-30A-2K5		2,5 L	

AMMONIUM ACETATE

MW: 77.08 CAS: 6311-61-8 EC: 211-162-9



AMMONIUM ACETATE EPR			BASICHEM	reference	packaging		price
App. clear crystals Assay > 96.5% insol. in water < 0.005%	Resid. on calcin.(SO ₄) < 0.05 SO ₄ < 0.005% Pb < 0.002%	pH (5%) 6.5 - 7.5 Cl ⁻ < 0.002% Fe < 0.002%		AMAC-00P-1K0		1 kg	
AMMONIUM ACETATE AGR ACS			 BASICHEM	reference	packaging		price
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 ₂ O < 2.0%		AMAC-00A-500		500 g	

AMMONIUM CHLORIDE

MW: 53.49 CAS: 12125-02-9 EC: 235-186-4 EC INDEX: 017-014-00-8



AMMONIUM CHLORIDE EPR			BASICHEM	reference	packaging		price
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		1 kg	
AMMONIUM CHLORIDE AGR			BASICHEM	reference	packaging		price
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		AMCH-00A-500		500 g	
				AMCH-00A-1K0		1 kg	

AMMONIUM DICHROMATE WATERED

MW: 252.07 CAS: 7789-09-5 EC: 232-143-1 TARIC code: 28415000 Restriction: REACH Autorization

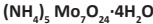
IMDG: 5.1 II UN 1439 ADR: 5.1 II UN 1439 (E) IATA: 5.1 II UN 1439



AMMONIUM DICHROMATE WATERED (0.5-3% H ₂ O) AGR				BASICHEM	reference	packaging		price
Assay > 99%	Cl ⁻ < 0.005%	Cu < 0.005%	Mg < 0.002%		AMDC-W0A-500	P	500 g	
insol. in water < 0.005%	SO ₄ < 0.01%	Fe < 0.002%	Na < 0.005%					
pH (5%, 20°C) 3.0 - 4.0	Ca < 0.005%	K < 0.05%	Pb < 0.005%					

AMMONIUM HEPTAMOLYBDATE TETRAHYDRATE

MW: 1235.86 CAS: 12054-85-2 EC: 234-722-4



AMMONIUM HEPTAMOLYBDATE TETRAHYDRATE AGR ISO				BASICHEM	reference	packaging		price
Assay > 99%		NO ₃ < 0.002%			AMHM-04A-250	P	250 g	
App. Colourless or slightly green crystals		SO ₄ < 0.005%						
Insol. matter < 0.01%		Fe < 0.001%						
Odour ammoniacal		Cu < 0.001%						
Cl ⁻ < 0.001%		Pb < 0.001%						
PO ₄ SiO ₂ (PO ₄) < 0.001%								

DI-AMMONIUM HYDROGEN PHOSPHATE

MW: 132.05 CAS: 7783-28-0 EC: 231-987-8



DI-AMMONIUM HYDROGEN PHOSPHATE AGR				BASICHEM	reference	packaging		price
Assay > 99%	SO ₄ < 0.01%	Heavy metals (Pb) < 0.002%			AMPB-00A-1K0	P	1 kg	
Cl ⁻ < 0.005%	Fe (III) < 0.002%	pH (5%, 20°C) 4 - 5						

AMMONIUM IRON (II) SULFATE HEXAHYDRATE

MW: 392.14 CAS: 7783-85-9 EC: 233-151-8



AMMONIUM IRON (II) SULFATE HEXAHYDRATE EPR				BASICHEM	reference	packaging		price
Assay 98 - 101%		Insol. matter < 0.01%	PO ₄ < 0.005%	Cl ⁻ < 0.005%	AMIS-06P-1K0	P	1 kg	
AMMONIUM IRON (II) SULFATE HEXAHYDRATE AGR ACS, USP, NF				BASICHEM	reference	packaging		price
App. Greenish blue crystals / crystalline powder		Ca < 0.005%	Cu < 0.003%	K < 0.002%	AMIS-06A-500	P	500 g	
Assay 99.0 - 101.5%		Fe (III) < 0.01%	Mn < 0.01%	Na < 0.02%				
Insol. matter < 0.01%				Subst. not pptd. by NH ₄ < 0.05%				
PO ₄ < 0.003%		Mg < 0.002%		Zn < 0.003%				

AMMONIUM IRON (III) SULFATE DODECAHYDRATE

MW: 482.19 CAS: 7783-83-7 EC: 233-382-4



AMMONIUM IRON (III) SULFATE DODECAHYDRATE				AGR	ACS, USP, NF	BASICHEM	reference	packaging		price
Assay 98.50 - 102.00%		NO ₃ < 0.01%		Cu < 0.003%			AMIS-12A-500		500 g	
App. Pale violet crystals		Ca < 0.01%		Zn < 0.003%						
Insol. matter < 0.01%		Mg < 0.005%		Subs. not pptd. by ammonia < 0.05%						
Cl ⁻ < 0.001%		K < 0.005%								
Ferrous ion Passes test		Na < 0.02%								



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

AMMONIUM NITRATE

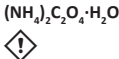
MW: 80.04 CAS: 6484-52-2 EC: 229-347-8 TARIC code: 31051000 Restriction: Explosives precursor
IMDG: 5.1 III UN 1942 ADR: 5.1 III UN 1942 (E) IATA: 5.1 III UN 1942



AMMONIUM NITRATE	AGR	BASICHEM	reference	packaging		price
App. White crystals or powder Assay > 99% pH (5%, 20°C) 4.5 - 6.0	Ash (SO ₄) < 0.01% Cl ⁻ < 0.0005% Fe < 0.0002%	SO ₄ < 0.002%	AMNA-00A-500		500 g	

DI-AMMONIUM OXALATE HYDRATE

MW: 142.11 CAS: 6009-70-7 EC: 214-202-3
IMDG: 6.1 III UN 2811 ADR: 6.1 III UN 2811 (E) IATA: 6.1 III UN 2811



DI-AMMONIUM OXALATE HYDRATE			AGR	ACS	BASICHEM	reference	packaging		price
Assay 99 - 101%	Cl ⁻ < 0.002%	SO ₄ < 0.002%				AMOX-01A-500		500 g	
Insol. matter < 0.005%	Fe < 0.0002%								
Res. on ignition < 0.02%	Pb < 0.0005%								

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



AMMONIUM PERSULFATE AGR ACS			BASICHEM	reference	packaging		price
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	

AMMONIUM SULFATE

MW: 132.14 CAS: 7783-20-2 EC: 231-984-1 EC INDEX: 016-060-00-6



AMMONIUM SULFATE EPR					BASICHEM	reference	packaging		price		
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		500 g			
						AMSU-00P-1K0		1 kg			
						AMSU-00P-5K0		5 kg			
AMMONIUM SULFATE AGR ACS					BASICHEM	reference	packaging		price		
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		500 g	

AMMONIUM THIOCYANATE

MW: 76.12 CAS: 1762-95-4 EC: 217-175-6 EC INDEX: 615-004-00-3



AMMONIUM THIOCYANATE	AGR	ACS	BASICHEM	reference	packaging		price
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		500 g	

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



ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL) EPR		BASICHEM	reference	packaging		price
Assay > 99% H ₂ O < 0.3% Free acids < 0.01%	Furfural < 0.003% H ₂ SO ₄ Test Passes test Density at 20°C 0.81 - 0.815g/ml	Res. on evap. < 0.005%	AMYL-00P-1K0	 1 L		
ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL) AGR SEGÚN GERBER		BASICHEM	reference	packaging		price
Assay > 99% H ₂ O < 0.2% Free acids < 0.01%	Furfural < 0.0001% H ₂ SO ₄ Test Passes test Density at 20°C 0.81 - 0.815g/ml	Res. on evap. < 0.003%	AMYL-00A-1K0	 1 L		

L(+)-ASCORBIC ACID

MW: 176.13 CAS: 50-81-7 EC: 200-066-2



L(+)-ASCORBIC ACID EPR PH.EUR.		BASICHEM	reference	packaging		price
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	 250 g		
			ASAC-L0P-500	 500 g		

BACTERIOLOGICAL PEPTONE *SEE P. 38*

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

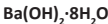


BARIUM CHLORIDE DIHYDRATE EPR		BASICHEM	reference	packaging		price
Assay > 99% Subst. not pptd. by dil. H ₂ SO ₄ < 0.1%	Fe < 0.001% Heavy metals (Pb) < 0.001%		BACL-02T-500	 500 g		
			BACL-02T-5K0	 5 kg		
BARIUM CHLORIDE DIHYDRATE AGR ACS		BASICHEM	reference	packaging		price
Assay 99 - 100.5% App. Crystal 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	 500 g		

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



BARIUM HYDROXYDE OCTAHYDRATE AGR		BASICHEM	reference	packaging		price
App. Colourless or white crystals Assay > 97.0% Insol. in dil. HCl < 0.005%	Cl ⁻ < 0.002% S ²⁻ < 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	 500 g		



BARIUM NITRATE

MW: 261.35 CAS: 10022-31-8 EC: 233-020-5 EC INDEX: 057-002-007
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	BASICHEM	reference	packaging		price
Assay > 99% Fe < 0.0002% Cl ⁻ < 0.0005%		Heavy metals (Pb) < 0.0005% Ca < 0.002% Na < 0.005%	K < 0.005% Sr < 0.05%	BANA-00A-500		500 g	

BENEDICT REAGENT

CAS: 63126-89-6
IMDG: 9 III UN 3082



BENEDICT REAGENT QUALITATIVE	AGR	BASICHEM	reference	packaging		price
For detect. of sugar in urine App. Blue Solution		This product was manufactured in accordance with procedure SR-50.	BENR-QLA-500		500 ml	

BENZALDEHYDE

MW: 106,12 CAS: 100-52-7 EC: 202-860-4 EC INDEX: 605-012-00-5
IMDG: 9 III UN 1990 ADR: 9 III UN 1990 (E) IATA: 9 III UN 1990



BENZALDEHYDE	AGR	BASICHEM	reference	packaging		price
App. Pale yellow coloured liquid with characteristic odour Assay 98.5 - 100.5% Density at 20°C 1.05 approx.g/ml		Acidity (C ₆ H ₅ COOH) < 1.0% Chlorine < 0.2%	BNZL-00A-500		500 ml	

BENZOIC ACID

MW: 122.12 CAS: 65-85-0 EC: 200-618-2



BENZOIC ACID	AGR	BASICHEM	reference	packaging		price
Assay > 99.5% Melt. range 121 - 122°C Subs. dark. by H ₂ SO ₄ Passes test		Cl ⁻ < 0.005% Subst. red. KMnO ₄ < 0.008% Ash (SO ₃) < 0.01%	Fe < 0.0004% SO ₄ < 0.003% Heavy metals (Pb) < 0.0005%	BNZA-00A-500		500 g

BENZYL ALCOHOL

MW: 108,14 CAS: 100-51-6 EC: 202-859-9 EC INDEX: 603-057-00-5



BENZYL ALCOHOL	EPR	BASICHEM	reference	packaging		price
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 ₃) < 0.1% Water < 0.2% Perox. num. < 5			BNZY-00P-1K0		1 L	

BIURET REAGENT



BIURET REAGENT AGR	BASICHEM	reference	packaging		price
For peptides detect. in urine App. Blue Solution	This product was manufactured in accordance with procedure SR-70	BIUR-00A-500	P	500 ml	

BORIC ACID

MW: 61.84 CAS: 10043-35-3 EC: 233-139-2 EC INDEX: 005-007-00-2



BORIC ACID EPR	BASICHEM	reference	packaging		price
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%	P	1 kg	
BORIC ACID AGR	BASICHEM	reference	packaging		price
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%	P	500 g	
			P	1 kg	

BORIC ACID, SOLUTION

MW: 61.84 CAS: 10043-35-3 EC: 233-139-2 EC INDEX: 005-007-00-2



BORIC ACID, SOLUTION 4% AGR	BASICHEM	reference	packaging		price
App. Colourless clear liquid	Concentration 3.9 - 4.1%	Density at 20°C 1.014g/cm³	P	5 L	
BORIC ACID, SOLUTION 4% AGR WITH MIXED INDICATOR	BASICHEM	reference	packaging		price
Comp. 40g H ₃ BO ₃ Ind. / L H ₂ O	pH 4.8 - 5	Colour Green	P	5 L	

BROMOCRESOL GREEN *SEE P. 382*

BROMOCRESOL PURPLE *SEE P. 382*

BROMOPHENOL BLUE *SEE P. 382*

BROMOTHYMOL BLUE *SEE P. 383*

BROTH BASES FOR MICROBIOLOGICAL CULTURE *SEE P. 40*

BROTHS FOR MICROBIOLOGICAL CULTURE AND MOLECULAR BIOLOGY *SEE P. 40*

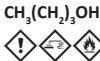
BROTHS FOR MOLECULAR BIOLOGY *SEE P. 26*

BUFFERED PEPTONE WATER *SEE P. 39*



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



1-BUTANOL 99,5% AGR	BASICHEM	reference	packaging		price
Assay > 99% H ₂ O < 0.1% Res. on evap. < 0.003% Acid. (Acetic acid) < 0.0005% Aldehydes and ket. < 0.03%		BUTL-10A-1K0		1 L	
		BUTL-10A-2K5		2,5 L	
1-BUTANOL HPLC GGR	INSTRUKEM	reference	packaging		price
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		2,5 L

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



N-BUTYL ACETATE 99% EPR	BASICHEM	reference	packaging		price
Assay > 98% H ₂ O < 0.2% boiling p. 123 - 128°C Density at 20°C approx. 0.881g/ml Refr. Ind. (n ₂₀ °C/D) 1,394 Flash point 22°C		BUTY-NOT-1K0		1 L	
		BUTY-NOT-2K5		2,5 L	

CALCIUM CARBONATE

MW: 100.09 CAS: 471-34-1 EC: 207-439-9



CALCIUM CARBONATE AGR REAG.PH.EUR.	BASICHEM	reference	packaging		price
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		500 g	
		CACB-00A-1K0		1 kg	

CALCIUM CHLORIDE ANHYDROUS

MW: 110.98 CAS: 10043-52-4 EC: 233-140-8



CALCIUM CHLORIDE ANHYDROUS GLR	BASICHEM	reference	packaging		price
Assay > 94% App. White pearls MgCl < 0.5% F < 0.004% Mg and Alk. salts < 5% Fe < 0.004% As < 0.0003% Pb < 0.0002% SO ₄ < 0.1% Hg < 0.0001%		CACH-A0P-1K0		1 kg	

CALCIUM CHLORIDE DIHYDRATE

MW: 147.02 CAS: 10035-04-8 EC: 233-140-8 EC INDEX: 017-013-00-2



CALCIUM CHLORIDE DIHYDRATE EPR				BASICHEM	reference	packaging		price
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		1 kg	
CALCIUM CHLORIDE DIHYDRATE AGR				BASICHEM	reference	packaging		price
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		500 g	

CALCIUM HYDROXYDE

MW: 74.09 CAS: 1305-62-0 EC: 215-137-3

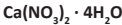


CALCIUM HYDROXYDE AGR ACS				BASICHEM	reference	packaging		price
Assay > 96% CaCO ₃ < 3% Insol. matter < 0.03% Cu < 0.0005%	Fe < 0.05% Pb < 0.0002% Cl < 0.005% SO ₄ < 0.05%	Sr < 0.05% Zn < 0.0005% Heavy metals (Pb) < 0.003% Insol. in HCl < 0.03%	Mg < 0.5% K < 0.05% Na < 0.05%		CAHY-90A-500		500 g	

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



CALCIUM NITRATE TETRAHYDRATE AGR ACS				BASICHEM	reference	packaging		price
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		500 g	
					CANA-04A-1K0		1 kg	

CALCIUM SULFATE DIHYDRATE

MW: 172.17 CAS: 10101-41-4 EC: 231-900-3



CALCIUM SULFATE DIHYDRATE AGR ACS				BASICHEM	reference	packaging		price
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 ₂ SO 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		500 g	

CHARCOAL ACTIVATED

MW: 12.01 CAS: 7440-44-0 EC: 231-153-3

C

IMDG: 4.2 III UN 1362 ADR: 4.2 III UN 1362 (E) IATA: 4.2 III UN 1362

CHARCOAL ACTIVATED, GRANULATED 1-4 MM CHEM WD-EXTRA/W AUX				BASICHEM	reference	packaging		price
Bulk density 454kg/m ³ 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 ₂ O extract) 10.4 Granulation Passes test			CHAR-GWA-1K0		1 kg	
CHARCOAL ACTIVATED, POWDER AUX				BASICHEM	reference	packaging		price
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		500 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

CHLOROFORM

MW: 119.38 CAS: 67-66-3 EC: 200-663-8 EC INDEX: 602-006-00-4 TARIC code: 29031300 Restriction: Export restrictions

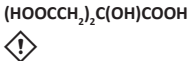
IMDG: 6.1 III UN 1888 ADR: 6.1 III UN 1888 (E) IATA: 6.1 III UN 1888



CHLOROFORM (STABILIZED WITH AMYLENE) EPR		BASICHEM	reference	packaging		price
App. colourless clear liquid Assay > 98% Density at 20°C 1,475 - 1,481g/cm³ Stabilizer 0.0045 - 0.005% H₂O < 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 H₂SO₄ Passes test Free Ac.andFos.(HCl) < 0.0001%		CHLF-SOT-1K0		1 L	
			CHLF-SOT-5K0		5 L	
			CHLF-SOT-20K		20 L	
CHLOROFORM (STABILIZED WITH AMYLENE) AGR			reference	packaging		price
App. Colourless/clear liquid Assay > 98.5% Density at 20°C 1.475 - 1.481g/ml Stabilizer 0.0045 - 0.0055% H₂O < 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 H₂SO₄ Passes test Free Ac.andFos.(HCl) < 0.0001%	CHLF-S0A-1K0		1 L	
			CHLF-S0A-2K5		2,5 L	

CITRIC ACID ANHYDROUS

MW: 192.13 CAS: 77-92-9



CITRIC ACID ANHYDROUS AGR PH.EUR.		BASICHEM	reference	packaging		price
Assay (anh. substance) 99.5 - 100.5% Identification Conforms App. of sol. Passes test Readily carbonis. subs. Passes test Oxalic acid < 0.01% Water < 0.5%	Ash < 0.05% SO ₄ < 0.01% Ash (SO ₄) < 0.05% As < 0.0001% Heavy met. < 0.0005%	Manufactured by fermentation of carbohydrates containing raw materials like glucose syrup from maize as well as molasses and sugar from sugar beet or sugar	CITA-A0A-1K0		1 kg	
			CITA-A0A-5K0		5 kg	

CITRIC ACID MONOHYDRATE

MW: 210.14 CAS: 5949-29-1 EC: 201-069-1



CITRIC ACID MONOHYDRATE EPR PH.EUR.		BASICHEM	reference	packaging		price
Identification Passes test Assay (Acidim,dried basis) 99.5 – 100.5% Appearance of solution Passes test Sulphated ash ≤ 0.05%	Oxalic acid (H ₂ C ₂ O ₄) ≤ 0.036% Arsenic (As) ≤ 0.0003% Sulfates (SO ₄) ≤ 0.015% Heavy metals (Pb) ≤ 0.001%	Subs.darkd.by hot H ₂ SO ₄ Passes test Water (H ₂ O) 7.5 – 9.0%	CITA-01P-1K0		1 kg	
			CITA-01P-5K0		5 kg	
CITRIC ACID MONOHYDRATE AGR		BASICHEM	reference	packaging		price
Assay 99.5 - 100.5% Res. on roast. < 0.03% Insol. matter < 0.005% React. ag. H ₂ SO 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		500 g	

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



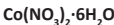
COBALT (II) CHLORIDE HEXAHYDRATE AGR				BASICHEM	reference	packaging		price
Assay 98 - 102%	Alk. metals/Earth met. < 0.2%	Fe < 0.005%			COCH-06P-1K0		1 kg	
App. purple crystals	Heavy metals (Cu) < 0.01%	SO ₄ < 0.01%						
Insol. matter < 0.01%	Ni < 0.25%	Zn < 0.01%						

COBALT (II) CHLORIDE HEXAHYDRATE AGR				BASICHEM	reference	packaging		price
Assay > 99%	Ash (SO ₃) < 0.1%	Fe < 0.02%			COCH-06A-250		250 g	
Heavy metals (Cu) < 0.005%	Ni < 0.15%	SO ₄ < 0.005%						
Insol. matter < 0.005%	N Comp. (N) < 0.005%	Zn < 0.005%						

COBALT (II) NITRATE HEXAHYDRATE

MW: 291.04 CAS: 10026-22-9 EC: 233-402-1 EC INDEX: 027-009-00-2

IMDG: 5.1 II UN 1477 ADR: 5.1 II UN 1477 (E) IATA: 5.1 II UN 1477



COBALT (II) NITRATE HEXAHYDRATE AGR				BASICHEM	reference	packaging		price
Assay > 99%	NH ₄ < 0.05%	Ca < 0.005%	K < 0.01%		CONA-06A-250		250 g	
Insol. matter < 0.005%	Ni < 0.05%	Cu < 0.001%	Pb < 0.001%					
Reaction (pH) > 2.5	Fe < 0.001%	Mg < 0.005%	Zn < 0.005%					
Cl ⁻ < 0.005%	SO ₄ < 0.005%	Na < 0.05%						

STAINS AND DYES FOR HISTOLOGY/PATHOLOGY *SEE P. 45*

CONDUCTIVITY STANDARDS *SEE P. 279*

CONGO RED *SEE P. 383*

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

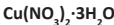


COPPER (II) CHLORIDE DIHYDRATE AGR				BASICHEM	reference	packaging		price
Assay > 99%	Fe < 0.001%	Mg < 0.002%	Pb < 0.004%		CUCH-02A-100		100 g	
pH (5% in dry CO ₂) 2.8 - 3.8	N Comp. (N) < 0.004%	As < 0.0001%						
Ni < 0.005%	Ca < 0.002%	SO ₄ < 0.005%						

COPPER (II) NITRATE TRIHYDRATE

MW: 241,60 CAS: 10031-43-3 EC: 221-838-5

IMDG: 5.1 II UN 1477 ADR: 5.1 II UN 1477 (E) IATA: 5.1 II UN 1477



COPPER (II) NITRATE TRIHYDRATE AGR				BASICHEM	reference	packaging		price
Assay > 99.0%	Cl ⁻ < 0.005%	SO ₄ < 0.01%			CUNA-03A-500		500 g	
App. Blue crystals	Ca, K, Na < 0.15%							
Insol. matter < 0.01%	Fe < 0.02%							



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	BASICEM	reference	packaging		price
Approx. dim. 100 x 30 x 0.8 mm		CUSH-001-010		10 un.	

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

CuSO₄



COPPER (II) SULFATE ANHYDRIDE AGR	 BASICEM	reference	packaging		price
Assay > 99.0% Cl ⁻ < 0.005% Fe < 0.005% Loss on dry. (250 °C) < 1.0% Subst. not pptd. by H ₂ S < 0.2% Insol. matter < 0.01%	N Comp. (N) < 0.002% Pb < 0.01% Other metals (Ni) < 0.01%	CUSU-A0A-250		250 g	

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

CuSO₄·5H₂O



COPPER (II) SULFATE PENTAHYDRATE EPR	BASICEM	reference	packaging		price
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	
		CUSU-05T-1K0		1 kg	

COPPER (II) SULFATE PENTAHYDRATE AGR ACS	BASICEM	reference	packaging		price
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	
		CUSU-05A-1K0		1 kg	

CRESOL RED *SEE P. 383*

CULTURE MEDIA FOR MICORBIOLOGY *SEE P. 38*

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

C₆H₁₂



CYCLOHEXANE GLR	BASICEM	reference	packaging		price
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-POP-1K0	 CODEX	1 L	
		CYHX-POP-5K0	 CODEX	5 L	

CYCLOHEXANE HPLC GGR	INSTRUKEM	reference	packaging		price
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	 GL45	2,5 L	
		CYHX-00H-P04	 GL45	4x2,5 L	

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



CYCLOHEXANONE AGR	BASICHEM	reference	packaging		price
App. Clear colourless liquid Assay > 99.5% Density at 20°C 0.945 - 0.947g/ml Refractive index 1.450 - 1.451	H ₂ O < 0.2% Acid. (Acetic acid) < 0.02% C ₆ H12</sub < 0.001% Cyclohexanol < 0.2%	Cu < 0.00005% Fe < 0.0001% Pb < 0.00005% Non-Vol. Mat. < 0.02%	CYHN-00A-500	 500 ml	

DETERGENTS FOR LABORATORY USE *SEE P. 313*

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



DICHLOROMETHANE (STABILIZED WITH AMYLENE) 99.9% GLR	BASICHEM	reference	packaging		price
Assay > 99.95% Colour (Hazen) < 10 H ₂ O < 0.01% Acidity (HCl) < 0.0005% Res. on evap. < 0.001% Amylene (Stab.) 0.0040 - 0.0060%		DCHM-P0P-1K0	 1000	1 L	
		DCHM-G0P-1K0	 1000	1 L	
		DCHM-P0P-5K0	 1000	5 L	
		DCHM-P0P-10K	 1000	10 L	
		DCHM-M0P-25K	 25	25 L	
DICHLOROMETHANE (STABILIZED WITH AMYLENE) AGR	BASICHEM	reference	packaging		price
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	 1000	1 L	
DICHLOROMETHANE (STABILIZED WITH AMYLENE) AGR ACS, ISO, PH. EUR.	BASICHEM	reference	packaging		price
Assay > 99.8% Stabiliz. w/ Amylene Free Acid < 0.001% H ₂ O < 0.01% Cl ⁻ < 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	 1000	1 L	
		DCHM-0IA-2K5	 1000	2,5 L	
		DCHM-0IA-P04	 1000	4x2,5 L	
DICHLOROMETHANE (STABILIZED WITH AMYLENE) HPLC GGR	INSTRUKEM	reference	packaging		price
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%		DCHM-0GH-2K5	 1000	2,5 L	
		DCHM-0GH-P04	 1000	4x2,5 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

DIETHANOLAMINE

MW: 105.14 CAS: 111-42-2 EC: 203-868-0 EC INDEX: 603-071-00-1
IMDG: 9 III UN 3082 ADR: 9 III UN 3082 IATA: 9 III UN 3082



DIETHANOLAMINE 99% AGR	BASICEM	reference	packaging		price
Assay > 99% H ₂ O < 0.15% Triethanolamine < 0.3%	Colour (Hazen) < 15 Cl ⁻ < 0.001% Ethanolamine < 0.3%	Ash (SO ₃) < 0.002% Fe < 0.0001% Heavy metals (Pb) < 0.0001%	DETA-00A-500	 500 ml	

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



DIETHYLETHER EPR STABILIZED WITH <0.002% HYDROQUINONE	BASICEM	reference	packaging		price
Assay > 99.5% Non-Vol. Mat. < 0.002% H ₂ O < 0.2% Peroxides < 0.0002%		DETE-00T-1K0	 1 L		
		DETE-00T-2K5	 2,5 L		
		DETE-00T-P04	 4x2,5 L		

DIETHYLETHER AGR ACS,ISO, STABILIZED WITH BHT	BASICEM	reference	packaging		price
Assay > 99.5% Non-Vol. Mat. < 0.001% H ₂ O < 0.03% Free Acid < 0.0002% 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 < 0.000005% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.000005% Sn < 0.00001% Zn < 0.000005% Acetone < 0.005%	Aldehydes < 0.00007% Carbonyl comp. < 0.001% EtOH < 0.02% Methanol < 0.02% H ₂ O 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 ₂ SO ₄ Passes test	DETE-OIA-1K0	 1 L		
		DETE-OIA-2K5	 2,5 L		
		DETE-OIA-P04	 4x2,5 L		
		DETE-OIA-5K0	 5 L		

DIMETHYL SULFOXIDE

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



DIMETHYL SULFOXIDE AGR ACS	BASICEM	reference	packaging		price
Assay > 99.9% Non-Vol. Mat. < 0.001% H ₂ O < 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	 1 L		
DIMETHYL SULFOXIDE HPLC GGR	INSTRUKEM	reference	packaging		price
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	DMSO-0GH-2K5	 2,5 L		
		DMSO-0GH-P04	 4x2,5 L		

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



N,N-DIMETHYLFORMAMIDE 99.9% GLR	BASICHEM	reference	packaging	price
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	 1 L	
		DMFO-P0P-5K0	 5 L	
		DMFO-P0P-25K	 25 L	

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



DIPHENYLAMINE AGR ACS	BASICHEM	reference	packaging	price
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	 100 g	

ELECTRODE MAINTENANCE SOLUTIONS *SEE P. 279*

ERIOCHROME BLACK T *SEE P. 383*

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



ETHYL ACETATE 99.8% GLR	BASICHEM	reference	packaging	price
Assay > 99.8% App. Clear liquid H ₂ O < 0.03% EtOH < 0.05% Acid. (Acetic acid) < 0.005% Density at 20°C 0.900 - 0.903g/ml		ETAC-POP-1K0	 1 L	
		ETAC-POP-5K0	 5 L	
		ETAC-POP-10K	 10 L	
		ETAC-M0P-25K	 25 L	
ETHYL ACETATE AGR ACS ISO PH.EUR.	BASICHEM	reference	packaging	price
Assay > 99.5% H ₂ O < 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 < 0.000005% Sn < 0.00001% Zn < 0.00001%		ETAC-0IA-1K0	 1 L	
		ETAC-0IA-2K5	 2,5 L	
		ETAC-0IA-P04	 4x2,5 L	
ETHYL ACETATE HPLC GGR	INSTRUKEM	reference	packaging	price
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	 2,5 L	
		ETAC-0GH-P04	 4x2,5 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

ETHYLENE GLYCOL

MW: 62.07 CAS: 107-21-1 EC: 203-473-3 EC INDEX: 603-027-00-1



ETHYLENE GLYCOL 99% GLR			BASICHEM	reference	packaging		price
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		1 L	
				ETGL-P0P-5K0		5 L	
				ETGL-M0P-25K		25 L	
ETHYLENE GLYCOL AGR			BASICHEM	reference	packaging		price
Assay > 99% App. colourless liquid H ₂ O < 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		1 L	

ETHYLENEDIAMINETETRAACETIC ACID (EDTA)

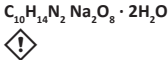
MW: 292.24 CAS: 60-00-4 EC: 200-449-4



ETHYLENEDIAMINETETRAACETIC ACID (EDTA) AGR			BASICHEM	reference	packaging		price
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		1 kg	

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT DIHYDRATE

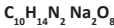
MW: 372.24 CAS: 6381-92-6 EC: 205-358-3



ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT DIHYDRATE AGR			BASICHEM	reference	packaging		price
Assay 99 - 101% pH (5%) 4 - 5 Insol. matter < 0.005%	CN < 0.001% Cl ⁻ < 0.01% Nitrilotriacetic acid < 0.05%	H ₂ O 9 - 10% SO ₄ < 0.02% Fe < 0.0005% Heavy metals (Pb) < 0.001%		EDTA-01A-500		500 g	

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT, VOLUMETRIC SOLUTIONS

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



ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA				BASICHEM	reference	packaging		price
Concentration (M) 0.0996 - 0.1004M Concentration (N) 0.1992 - 0.2008N		Tolerance (M) 0.0004M Tolerance (N) 0.0008N			EDTA-01V-1K0		1 L	

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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	BASICHEM	reference	packaging		price
App. blue liquid Density at 20°C approx. 1,08 CuSO ₄ ·5H ₂ O 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		1 L	

FEHLING B REAGENT

IMDG: 8 II UN 1719 ADR: 8 II UN 1719 (E) IATA: 8 II UN 1719



FEHLING B REAGENT AGR	BASICHEM	reference	packaging		price
App. Colourless clear liquid Density at 20°C approx 1.25g/ml C ₄ H ₄ KNaO ₄ ·4H ₂ O 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		1 L	

FORMALDEHYDE FOR HISTOLOGY *SEE P. 46*

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



FORMALDEHYDE, SOLUTION 35-40% GLR	BASICHEM	reference	packaging		price
Assay 35 - 40% App. colourless and clear Content of MeOH 10 - 15% w/v		FORM-C0P-5K0		5 L	
FORMALDEHYDE, SOLUTION 37% EPR	BASICHEM	reference	packaging		price
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		1 L	
		FORM-00T-2K5		2,5 L	
		FORM-00T-5K0		5 L	
		FORM-00T-20K		20 L	
FORMALDEHYDE, SOLUTION 40,0% AGR	BASICHEM	reference	packaging		price
Assay 37 - 41% App. Clear colourless liquid Org. Ac. (HCOOH) < 0.03% Res. on roast. < 0.002% Cl ⁻ < 0.0001% Density at 20°C 1.088 - 1.096g/ml Fe < 0.0001% SO ₄ < 0.002% Heavy metals (Pb) < 0.0002%		FORM-00A-1K0		1 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

FORMIC ACID

MW: 46.03 CAS: 64-18-6 EC: 200-579-1
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				BASICHEM	reference	packaging		price
Assay > 99%	Co < 0.000002%	Na < 0.00005%	Oxalate < 0.005%		FORA-A0A-1K0		1 L	
Non-Vol. Mat. < 0.001%	Cr < 0.000002%	Ni < 0.000005%	SO ₄ < 0.0005%					
NH ₄ < 0.001%	Cu < 0.000002%	Pb < 0.000002%	SO ₃ < 0.001%					
Ag < 0.000002%	Fe < 0.0002%	Sr < 0.000002%	Acetic acid < 0.005%					
Ba < 0.000002%	Ge < 0.000005%	Ti < 0.00001%	Colour (Hazen) < 10					
Al < 0.000005%	K < 0.00001%	Tl < 0.000005%	Res. on evap. < 0.003%					
Be < 0.000002%	Li < 0.000002%	V < 0.000005%	Heavy metals (Pb) < 0.001%					
Bi < 0.00001%	Mg < 0.00005%	Zn < 0.000005%						
Ca < 0.00002%	Mn < 0.000005%	Zr < 0.00001%						
Cd < 0.000005%	Mo < 0.000002%	Cl < 0.0005%						

D(-)-FRUCTOSE

MW: 180.16 CAS: 57-48-7 EC: 200-333-3



D(-)-FRUCTOSE EPR				BASICHEM	reference	packaging		price
App. White powder or crystals	H ₂ O < 0.5%	Cl ⁻ < 0.005%	Pb < 0.00005%		FRUC-00T-500		500 g	
Identity Passes test	Acidity Passes test	SO ₄ < 0.005%						
App. and col. of solution	Ash (SO ₄) < 0.1%	As < 0.0001%						
Passes test	Specific opt. rot. 91 - 93.5°	Ba Passes test						
D(-)-FRUCTOSE AGR				BASICHEM	reference	packaging		price
App. white crystalline powder	Insol. matter < 0.005%	Ash (SO ₄) < 0.05%	As < 0.00005%		FRUC-00A-250		250 g	
Assay > 99%	Loss on dry. < 0.5%	SO ₄ < 0.002%	Pb < 0.00002%					
Spec. Rot. (20°C;10% _H 2O)	Cl ⁻ < 0.002%	Fe < 0.0001%	Cd < 0.0001%					
-93.5 - -91°	D(+)-Glucose < 0.1%	Cu < 0.0001%	Zn < 0.0005%					

D(+)-GLUCOSE ANHYDROUS

MW: 180,16 CAS: 50-99-7 EC: 200-075-1



D(+)-GLUCOSE ANHYDROUS EPR				BASICHEM	reference	packaging		price
App. Colourless cryst. or white powder	Cl ⁻ < 0.01%	Fe < 0.001%			GLUC-A0T-500		500 g	
Insol. matter < 0.01%	Acid. (Acetic acid) < 0.05%	As < 0.0004%						
Spec. Rot. (20°C;10%H ₂ O) 52.5 - 53.3°	Ash (SO ₄) < 0.05%	Pb < 0.001%			GLUC-A0T-1K0		1 kg	
Loss on dry. (105 °C) < 0.5%	SO ₄ < 0.01%							

D(+)-GLUCOSE ANHYDROUS FOR CULTURE MEDIA *SEE P. 40*

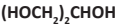
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GLYCEROL

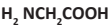
MW: 92.09 CAS: 56-81-5 EC: 200-289-5



GLYCEROL (VEGETAL ORIGIN) USP GLR			BASICHEM	reference	packaging		price
Assay > 99% App. Clear liquid Colour (Hazen) < 10 Water < 1% Cl ⁻ < 0.001% Specific gravity > 1.249g/cm ³				GLIO-P0P-1K0		1 L	
				GLIO-P0P-5K0		5 L	
				GLIO-P0P-10K		10 L	
				GLIO-M0P-25K		25 L	
GLYCEROL 99% AGR			BASICHEM	reference	packaging		price
Assay > 99% H ₂ O < 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%		GLIO-00A-1K0	 GL45	1 L	
Cl ⁻ < 0.0001% SO ₄ < 0.0005% R.C.S. Passes test Fat. ac. and esters < 0.05% Glyceraldehyde < 0.003%							

GLYCINE

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



GLYCINE AGR	BASICHEM	reference	packaging	price
Appearance White, light yellow or brown crystalline powder App. 10% sol. passes test	Assay 98.5 - 101% Cl ⁻ < 0.001% SO ₄ < 0.005%	GLIC-00A-500	 500 g	
Buffering substance For biochemistry, bacteriology and tissue culture. buffering substance				

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



N-HEPTANE 95% PESTICIDE GRADE PGR			INSTRUKEM	reference	packaging	price
Assay > 95.0% Water (KF) < 0.02%	Colour (Hazen) < 10 Res. on evap. < 0.0005%			HPTN-5GC-2K5	 2,5 L	
				HPTN-5GC-P04	 4x2,5 L	
N-HEPTANE 99% HPLC GGR			INSTRUKEM	reference	packaging	price
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	 2,5 L	
				HPTN-9GH-P04	 4x2,5 L	

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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



N-HEPTANE 95% (ISÓMEROS) GLR	BASICHEM	reference	packaging		price
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	HPTN-POP-1K0		1 L	
		HPTN-GOP-1K0		1 L	
		HPTN-POP-5K0		5 L	
		HPTN-MOP-25K		25 L	

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



N-HEXANE 95% AGR ACS PH.EUR.	BASICHEM	reference	packaging		price
Assay (C ₆ H ₁₄) > 95% H ₂ O < 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 < 0.000002% Cu < 0.000002% Mn < 0.000002% S comp. < 0.005% Thiophene < 0.005%	HXAN-50A-2K5		2,5 L	
		HXAN-50A-P04		4x2,5 L	

N-HEXANE 95% HPLC GGR	INSTRUKEM	reference	packaging		price
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	HXAN-5GH-2K5		2,5 L	
		HXAN-5GH-P04		4x2,5 L	

N-HEXANE 95% PESTICIDE GRADE PGR	INSTRUKEM	reference	packaging		price
Assay > 95% Water (KF) < 0.02% Colour (Hazen) < 10	Acidity < 0.0005meq/g Res. on evap. < 0.0005%	HXAN-5GC-2K5		2,5 L	
		HXAN-5GC-P04		4x2,5 L	

N-HEXANE 99% AGR ACS PH.EUR.	BASICHEM	reference	packaging		price
Assay > 99% H ₂ O < 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 < 0.000002% Cu < 0.000002% Mn < 0.000002% S comp. < 0.005% Thiophene < 0.005%	HXAN-90A-1K0		1 L	
		HXAN-90A-2K5		2,5 L	
		HXAN-90A-P04		4x2,5 L	



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



GRADES, FAMILIES and PACKAGING information on p. 320

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



N-HEXANE 95% (ISOMERS) GLR	BASICHEM	reference	packaging	price
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 - 0.679g/ml Boiling range 62.5 - 70°C Non-Vol. Mat. < 5 mg/100ml	HXAN-POP-1K0	 1 L	
		HXAN-GOP-1K0	 1 L	
		HXAN-POP-5K0	 5 L	
		HXAN-POP-10K	 10 L	
		HXAN-MOP-25K	 25 L	
N-HEXANE (ISOMERS) HPLC GGR	INSTRUKEM	reference	packaging	price
Assay (Isomer mix) > 99% C ₆ H ₁₄ Isomer Mix > 99% 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%	HXAN-IGH-2K5	 2,5 L	
		HXAN-IGH-P04	 4x2,5 L	

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



HYDROCHLORIC ACID 25% AGR			BASICHEM	reference	packaging	price
Assay 24 - 26% Density approx. > 1.124 Ash (SO ₄) < 0.001%	SO ₄ < 0.0002% SO ₃ < 0.0005% Free chlorine < 0.0001%	Heavy metals (Pb) < 0.0001% As < 0.000005% Fe < 0.0001%		CHAC-25A-1K0	 1 L	
HYDROCHLORIC ACID 32% GLR			BASICHEM	reference	packaging	price
Assay 30 - 33% Density at 20°C 1.1494 - 1.1645g/ml				CHAC-32P-1K0	 1 L	
HYDROCHLORIC ACID 35-38% EPR			BASICHEM	reference	packaging	price
Assay 35 - 38 Density at 20°C 1,174 - 1,189g/ml Ash (SO ₄) < 0.002	SO ₄ < 0.0005 SO ₃ < 0.001 Free chlorine < 0.0002	Heavy metals (Pb) < 0.0002 As < 0.00001 Fe < 0.0003		CHAC-00T-1K0	 1 L	
				CHAC-00T-2K5	 2,5 L	
HYDROCHLORIC ACID 35-38% AGR			BASICHEM	reference	packaging	price
Assay 35 - 38% Density at 20°C 1.174 - 1.189g/ml Ash (SO ₄) < 0.001% SO ₄ < 0.0002% SO ₃ < 0.0005% Free chlorine < 0.0001%	Heavy metals (Pb) < 0.0001% Al < 0.0001% As < 0.000005% Cu < 0.00005% Fe < 0.0001% Mg < 0.00005%	Mn < 0.00005% Ni < 0.00005% Pb < 0.00005% Zn < 0.00005%		CHAC-00A-1K0	 1 L	
				CHAC-00A-2K5	 2,5 L	
HYDROCHLORIC ACID 37% AGR ISO			BASICHEM	reference	packaging	price
Assay 36.5 - 38% Res. on ignition < 0.0005% As < 0.000005%	Cd < 0.000001% Cu < 0.000005% Fe < 0.00005%	Pb < 0.000005% Zn < 0.0001% NH ₄ < 0.0003%	Free chlorine < 0.00005% SO ₃ < 0.0002% SO ₄ < 0.0001%	CHAC-0IA-1K0	 1 L	
				CHAC-0IA-2K5	 2,5 L	
				CHAC-0IA-P04	 4x2,5 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

HYDROCHLORIC ACID 34-37% TGR FOR TRACE ANALYSIS (PPB)				 INSTRUKEM	reference	packaging		price
Assay 34 - 37%	B < 0.0000001%	Pb < 0.00000001%	Ag < 0.00000001%		CHAC-TGR-2K5		2,5 L	
Use within 15 months of opening, up to unopened expiration date	Cd < 0.00000001%	Li < 0.00000001%	Na < 0.00000001%					
Al < 0.0000001%	Ca < 0.00000001%	Mg < 0.00000005%	Sr < 0.00000001%					
Sb < 0.00000005%	Ce < 0.00000001%	Mn < 0.00000001%	Sn < 0.00000005%					
As < 0.00000005%	Cs < 0.00000001%	Hg < 0.00000001%	W < 0.00000001%					
Ba < 0.00000001%	Cr < 0.00000005%	Mo < 0.00000001%	Zn < 0.00000001%					
Be < 0.00000001%	Co < 0.00000001%	Ni < 0.00000005%	Br < 0.001%					
Bi < 0.00000001%	Cu < 0.00000005%	Pd < 0.00000005%	P < 0.000001%					
	Dy < 0.00000001%	Pt < 0.00000005%	S < 0.00003%					
	Fe < 0.0000001%	Rh < 0.00000001%	Free chlorine < 0.00005%					

HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS

HW: 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				BASICEM	reference	packaging		price
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N		Tolerance (M) 0.0001M Tolerance (N) 0.0001N			CHAC-01V-1K0		1 L	
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 0.25 M (0.25 N) VSA				BASICEM	reference	packaging		price
Concentration (M) 0.249 - 0.251M Concentration (N) 0.249 - 0.251N		Tolerance (M) 0.001M Tolerance (N) 0.001N			CHAC-25V-1K0		1 L	
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 0.5 M (0.5 N) VSA				BASICEM	reference	packaging		price
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.4995 - 0.5005N		Tolerance (M) 0.0005M Tolerance (N) 0.0005N			CHAC-05V-1K0		1 L	
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 1.0 M (1.0 N) VSA				BASICEM	reference	packaging		price
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N		Tolerance (M) 0.001M Tolerance (N) 0.001N			CHAC-1V0-1K0		1 L	
HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS 2.0 M (2.0 N) VSA				BASICEM	reference	packaging		price
Concentration (M) 1.998 - 2.002M Concentration (N) 1.998 - 2.002N		Tolerance (M) 0.002M Tolerance (N) 0.002N			CHAC-2V0-1K0		1 L	
HYDROCHLORIC ACID, CONCENTRATED TO 1 L SOLUTION 0.1 M (0.1 N) VSA				BASICEM	reference	packaging		price
Concentration after dilution to 1L (20°C) (M) 0.0998 - 0.1002M Concentration after dilution to 1L (20°C) (N) 0.0998 - 0.1002N					CHAC-01C-1K0		1 amp.	
HYDROCHLORIC ACID, CONCENTRATED TO 1 L SOLUTION 1 M (1 N) VSA				BASICEM	reference	packaging		price
Concentration after dilution to 1L (20°C) (M) 0.998 - 1.002M Concentration after dilution to 1L (20°C) (N) 0.998 - 1.002N					CHAC-1C0-1K0		1 amp.	

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

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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				BASICHEM	reference	packaging		price
Assay 38 - 40%	Cl ⁻ < 0.001%	SO ₃ < 0.005%	Pb < 0.0005%		FLAC-00A-1K0		1 L	
H ₂ SiF ₆ < 0.1%	SO ₄ < 0.001%	Fe < 0.0005%						
HYDROFLUORIC ACID 48% AGR ISO				BASICHEM	reference	packaging		price
Assay > 48%	Ni < 0.000002%	Co < 0.000002%	Sr < 0.000002%		FLAC-80A-1K0		1 L	
SiF ₆ < 0.005%	Ba < 0.00001%	Mg < 0.00002%	Ag < 0.000002%					
SO ₃ < 0.0002%	Fe < 0.00002%	Li < 0.000002%	Ti < 0.00001%					
Colour (Hazen) < 10	Al < 0.000005%	Na < 0.00002%	Tl < 0.000005%					
Cl ⁻ < 0.0001%	Ash (SO ₄) < 0.0005%	K < 0.00001%	V < 0.000005%					
Be < 0.000002%	Ca < 0.00005%	Mo < 0.000005%	Zn < 0.000005%					
PO ₄ < 0.00005%	Cr < 0.000002%	Ge < 0.000005%	Zr < 0.00001%					
Bi < 0.00001%	Cu < 0.000002%	Pb < 0.000005%						
SO ₄ < 0.0002%	Mn < 0.000005%	Cd < 0.000001%						

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

H₂O₂



HYDROGEN PEROXIDE 30% (V/V) EPR			 BASICHEM	reference	packaging		price
App. Clear colourless liquid	Cl ⁻ < 0.001%	Total N < 0.005%		HYPE-30P-1K0		1 L	
Assay 29 - 31%	PO ₄ < 0.003%	As < 0.00005%					
Free acids (H ₂ SO ₄) < 0.01%	SO ₄ < 0.001%	Fe < 0.00005%					
Res. on evap. < 0.01%	Heavy met. < 0.00005%						
HYDROGEN PEROXIDE 30% (V/V) AGR			 BASICHEM	reference	packaging		price
Assay 29 - 31%	B < 0.000001%	Si < 0.001%		HYPE-30A-500		500 ml	
Free acids (H ₂ SO ₄) < 0.001%	SO ₄ < 0.0001%	Mn < 0.00001%					
Phosphorous(P) < 0.0001%	Fe < 0.00001%	Co < 0.00001%					
Bi < 0.000005%	Al < 0.00001%	Pb < 0.00001%					
Cl ⁻ < 0.0001%	Silver (Ag) < 0.00001%	Sn < 0.00001%					
Ni < 0.00001%	Cu < 0.00001%						
				HYPE-30A-1K0		1 L	

INDICATORS FOR TITRATIONS *SEE P. 382*

INDIGO CARMINE *SEE P. 383*

INGREDIENTS FOR MICROBIOLOGICAL CULTURE *SEE P. 38*

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

I₂



IODINE RESUBLIMED AGR			BASICHEM	reference	packaging		price
Assay > 99.8%		Cl and Br (Cl) < 0.005%		IODI-R0A-100		100 g	
App. Dark violet granules		Res. on evap. < 0.01%					
				IODI-R0A-250		250 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

IODINE, VOLUMETRIC SOLUTIONS

MW: 253.81 CAS: 7553-56-2 EC: 231-442-4 EC INDEX: 053-001-00-3



IODINE 0.05 M (0.1 N) VOLUMETRIC SOLUTION VSA	 BASICKEM	reference	packaging		price
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	 GLAS	1 L	

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



IRON (III) CHLORIDE ANHYDROUS EPR	BASICKEM	reference	packaging		price
Assay > 98%	Melt. range 305°C	IRCH-A0T-500	 P	500 g	

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



IRON (III) CHLORIDE HEXAHYDRATE AGR ACS, PH.EUR.	BASICKEM	reference	packaging		price
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

IRON METAL, POWDER

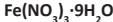
MW: 55.84 CAS: 7439-89-6 EC: 231-096-4



IRON METAL, POWDER, 0.045-0.106 MM GLR	BASICKEM	reference	packaging		price
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

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



IRON (III) NITRATE NONAHYDRATE AGR ACS	BASICKEM	reference	packaging		price
Appearance/colour Assay (titr.by Na ₂ S ₂ O 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	

IRON (III) OXIDE RED

MW: 159.69 CAS: 1309-37-1 EC: 215-168-2



IRON (III) OXIDE RED EPR	BASICKEM	reference	packaging		price
Assay 95 - 98% Loss on ign. < 0.5%	H ₂ O solubility < 1% PO ₄ < 0.3%	Mn < 0.25% SO ₄ < 0.5%	IROX-00T-500	 P 500 g	



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GRADES, FAMILIES and PACKAGING information on p. 320

IRON (II) SULFATE HEPTAHYDRATE

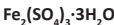
MW: 278,02 CAS: 7782-63-0 EC: 231-753-5



IRON (II) SULFATE HEPTAHYDRATE EPR			BASICHEM	reference	packaging		price
Assay 98.5 - 104.5%	Heavy metals (Pb) < 0.005%	Pb < 0.001%		IRSU-07T-500		500 g	
pH (5%) 3 - 4	Cu < 0.005%	Hg < 0.0003%					
Fe (III) salts (Fe) < 0.2%	Mn < 0.1%	Zn < 0.05%					
Cl ⁻ < 0.01%	As < 0.0002%						
IRON (II) SULFATE HEPTAHYDRATE AGR ACS			BASICHEM	reference	packaging		price
Assay > 99.5%	Org. vol. imp. excl. Passes test	Mg < 0.002%		IRSU-07A-500		500 g	
App. Green crystalline powder	Ni < 0.005%	Na < 0.02%					
pH (5%) 3 - 4	Cu < 0.005%	K < 0.002%					
Cl ⁻ < 0.001%	Cr < 0.005%	Zn < 0.005%					
Fe (III) < 0.1%	Subst. not pptd. by NH ₄ < 0.1%	Ca < 0.005%					
PO ₄ < 0.001%	Mn < 0.05%						

IRON (III) SULFATE HYDRATED

MW: 399.88 CAS: 15244-10-7 EC: 233-072-9



IRON (III) SULFATE HYDRATED EPR			BASICHEM	reference	packaging		price
App. Greyish-white to yellowish powder	Cu < 0.01%	Cl ⁻ < 0.03%		IRSU-01T-500		500 g	
Assay > 20%	Fe (II) < 0.1%	NO ₃ < 0.05%					

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



ISOOCTANE AGR ACS, PH.EUR.			BASICHEM	reference	packaging		price
Assay (C ₈ H ₁₈) > 99.5%	Ni < 0.000002%	Ca < 0.00005%	Mg < 0.00001%	ISCT-00A-1K0		1 L	
H ₂ O < 0.01%	B < 0.000002%	Cr < 0.000002%	Pb < 0.00001%				
Free Acid < 0.0005%	Ba < 0.00001%	Cu < 0.000002%	Cd < 0.000005%				
S < 0.005%	Fe < 0.00001%	Mn < 0.000002%	Sn < 0.00001%				
Res. on evap. < 0.001%	Al < 0.00005%	Co < 0.000002%	Zn < 0.00001%				
ISOOCTANE HPLC GGR			INSTRUKEM	reference	packaging		price
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 ₈ H 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		2,5 L	
				ISCT-0GH-P04		4x2,5 L	
			ISOOCTANE PESTICIDE GRADE PGR			INSTRUKEM	reference
Assay (C ₈ H ₁₈) > 99% Water (KF) < 0.02%	Colour (Hazen) < 10 Acidity < 0.0005meq/g	Res. on evap. < 0.0005%		ISCT-0GC-2K5		2,5 L	
				ISCT-0GC-P04		4x2,5 L	



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KARL-FISCHER COMPOSITE 5

KARL-FISCHER COMPOSITE 5 KFR VOLUMETRIC METHOD	INSTRUKEM	reference	packaging		price
Titer 4.5 - 5.8mg/ml		COM5-KFR-1K0		1 L	

KARL-FISCHER METHANOL DRIED

MW: 32.04 CAS: 67-56-1 EC: 200-659-6

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
App. Volatile clear, colourless liquid Identification IR Spectrometry Assay (GC) > 99.8% Density at 20°C < 0.794g/ml	Solub. in H ₂ O Passes test Refr. index (at 20°C) 1.327 - 1.328 H ₂ O < 0.02%	MTLD-KFR-1K0		1 L	

LACTIC ACID

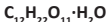
MW: 90.08 CAS: 50-21-5 EC: 201-196-2



DL-LACTIC ACID AGR	BASICKEM	reference	packaging		price
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		1 L

LACTOSE MONOHYDRATE

CAS: 10039-26-6 MW: 360.32 EC: 200-559-2 TARIC code: 17021100



LACTOSE MONOHYDRATE AGR REAG.PH. EUR.	BASICKEM	reference	packaging		price
Spec. opt. rot. 54.4 - 55.9° H ₂ O (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		500 g
			LACT-01A-1K0		1 kg

LEAD (II) NITRATE

MW: 331.21 CAS: 10099-74-8 EC: 233-245-9 EC INDEX: 082-001-00-6

IMDG: 5.1 (6.1) II UN 1469 ADR: 5.1 (6.1) II UN 1469 (E) IATA: 5.1 (6.1) II UN 1469



LEAD (II) NITRATE EPR	BASICKEM	reference	packaging		price
App. white crystals or powder	Assay > 98%	LENA-00T-500		500 g	

LEAD (II) NITRATE AGR	BASICKEM	reference	packaging		price
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		500 g



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GRADES, FAMILIES and PACKAGING information on p. 320

LITHIUM CHLORIDE

MW: 42.39 CAS: 7447-41-8 EC: 231-212-3

LiCl



LITHIUM CHLORIDE AGR ACS				BASICKEM	reference	packaging		price
Appearance White crystalline powder	Loss on dry. (105 °C) < 1.0%	Heavy metals (Pb) < 0.002%	NO ₃ < 0.001%		LICH-00A-100	P	100 g	
Assay > 99.0%	SO ₄ < 0.01%	K < 0.01%	Tit. base < 0.008meq/g					
Insol. matter < 0.01%	Ca < 0.01%	Na < 0.2%						
	Fe < 0.001%	Ba < 0.003%						

LUGOL SOLUTION

LUGOL SOLUTION AGR				BASICHEM	reference	packaging		price
App. Dark brown liquid I ₂ content 1.0%	KI content 2.0% Density approx. 1.01g/ml				LUGO-00A-250		250 ml	
					LUGO-00A-1K0	 	1 L	

MAGNESIUM (METAL)

MW: 24.31 CAS: 7439-95-4 EC: 231-104-6 EC INDEX: 012-001-00-3

Mg



IMDG: 4.1 III UN 1869 ADR: 4.1 III UN 1869 (E) IATA: 4.1 III UN 1869

MAGNESIUM (METAL) POWDER EPR				BASICKEM	reference	packaging		price	
Assay (Mg) > 99%		Insol. in HCl < 0.05%		Fe < 0.05%		MGPW-P0T-100	P	100 g	
MAGNESIUM (METAL) RIBBON EPR				BASICKEM	reference	packaging		price	
Assay (Mg) > 99.5%		Fe < 0.05%		Pb < 0.01%		MGPW-R0T-025	P	25 g	
Insol. in HCl < 0.05%		Cu < 0.005%							

MAGNESIUM CHLORIDE HEXAHYDRATE

MW: 203.30 CAS: 7791-18-6 EC: 232-094-6

MgCl₂·6H₂O

MAGNESIUM CHLORIDE HEXAHYDRATE EPR PH.EUR.				BASICKEM	reference	packaging		price
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%	Potassium (K) < 0.05% H ₂ O 51 - 55% Insol. matter < 0.005% Res. solvents complies pH (solution 50 g/l) 4.5 - 7.5			MGCH-06P-1K0	P	1 kg	
	Al < 0.0001%							
	Ba							
	Br < 0.05%							
	(SO ₄) (EP) < 0.01							
Ca (EP) < 0.1	MGCH-06P-5K0	P	5 kg					
NH ₄ < 0.005%								
MAGNESIUM CHLORIDE HEXAHYDRATE AGR ACS, BP				BASICKEM	reference	packaging		price
Assay 98 - 101% Insol. (EtOH) Passes test Insol. matter < 0.005% pH (5%) 5 - 6.5 H ₂ O 51 - 55% PO ₄ < 0.0005%	Ba < 0.005%	N Comp. (N) < 0.002% Na < 0.005% K < 0.005% As < 0.0002% Sr < 0.005%			MGCH-06A-500	P	500 g	
	Fe < 0.0005%							
	SO ₄ < 0.002%							
	Heavy metals (Pb) < 0.0005%							
	Ca < 0.01%							
	Mn < 0.0005%							



MAGNESIUM NITRATE HEXAHYDRATE

MW: 256,41 CAS: 13446-18-9 EC: 233-826-7

Mg(NO₃)₂·6H₂O

MAGNESIUM NITRATE HEXAHYDRATE AGR ACS			BASICEM	reference	packaging		price
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		500 g	

MAGNESIUM SULFATE ANHYDROUS

MW: 120.37 CAS: 7487-88-9 EC: 231-298-2

MgSO₄

MAGNESIUM SULFATE ANHYDROUS GLR			BASICEM	reference	packaging		price
Assay > 95% Heavy metals (Pb) < 0.005%	Cl ⁻ < 0.1% Insol. matter < 0.1%	Fe < 0.005%		MGSU-A0P-1K0		1 kg	
				MGSU-A0P-5K0		5 kg	

MAGNESIUM SULFATE HEPTAHYDRATE

MW: 246,48 CAS: 10034-99-8 EC: 231-298-2

MgSO₄·7H₂O

MAGNESIUM SULFATE HEPTAHYDRATE EPR				BASICEM	reference	packaging		price
Assay 98.5 - 102.0% pH (5%) 5.0 - 8.0 Insol. matter < 0.01%		Cl ⁻ < 0.0035%		As < 0.0002%	MGSU-07P-500	P	500 g	
		PO ₄ < 0.005%		Ca < 0.05%				
		Heavy metals (Pb) < 0.0005%		Fe < 0.002%	MGSU-07P-1K0	P	1 kg	
MAGNESIUM SULFATE HEPTAHYDRATE AGR				BASICEM	reference	packaging		price
Assay 99 - 100.5% pH (5%) 5.0 - 8 Insol. matter < 0.005% Cl ⁻ < 0.002%		PO ₄ < 0.001%		Mn < 0.002%	MGSU-07A-500	P	500 g	
		Fe < 0.0005%		As < 0.0001%				
		Heavy metals (Pb) < 0.0005%						
		Ca < 0.02%						

MANGANESE (II) CHLORIDE TETRAHYDRATE

MW: 197,90 CAS: 13446-34-9 EC: 231-869-6

MnCl₂·4H₂O

MANGANESE (II) CHLORIDE TETRAHYDRATE AGR			BASICEM	reference	packaging		price
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%		MNCH-04A-500		500 g	

MANGANESE (IV) OXIDE

MW: 86,94 CAS: 1313-13-9 EC: 215-202-6 EC INDEX: 025-001-00-3

MnO₂

MANGANESE (IV) OXIDE AGR			BASICEM	reference	packaging		price
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		500 g	

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



MANGANESE (II) SULFATE MONOHYDRATE AGR			BASICHEM	reference	packaging		price
Assay > 99%	Ni < 0.005%	Na < 0.05%		MNSU-01A-500	P	500 g	
Insol. matter < 0.01%	Fe < 0.001%	K < 0.01%					
Loss on ign. 10 - 12%	Ca < 0.005%	Pb < 0.001%					
Subst. Red. KMnO ₄ (O) passes test%	Cu < 0.001%	Zn < 0.005%					
Cl ⁻ < 0.002%	Mg < 0.005%						

D(-)-MANNITOL

MW: 182,17 CAS: 69-65-8 EC: 200-711-8



D(-)-MANNITOL FOR BACTERIOLOGY AGR ACS			BASICHEM	reference	packaging		price
Assay > 99%	Loss on dry. (105 °C) < 0.05%	Ca < 0.001%		MANL-00A-500	P	500 g	
Melt. range 165 - 169°C	Acid. (Acetic acid) < 0.005%	Cu < 0.0005%					
Spec. opt. rot. 23 - 25°	SO ₂ < 0.005%	D(-)-Sorbite(GC) < 1%					
Cl ⁻ < 0.001%	Ash (SO ₃) < 0.02%	As < 0.0001%					
Insol. matter < 0.01%	Fe < 0.0005%	Pb < 0.0005%					
Red. sugars (C ₆ H ₁₂ O ₆) < 0.05%	Subs. dark. by H ₂ SO ₄ Passes test						

MARBLE

MW: 100.09 CAS: 471-34-1 EC: 207-439-9



MARBLE PIECES 1-2 MM AUX			BASICHEM	reference	packaging		price
Type analysis	Particle size 1 - 2mm			MARB-001-1K0	P	1 kg	

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



MERCURY (II) CHLORIDE AGR			BASICHEM	reference	packaging		price
Assay > 99.5%	0.02%	Ca < 0.001%		HGCH-00A-100	P	100 g	
Insol. Mat. (Ether) < 0.01%	NO ₃ < 0.001%	Cu < 0.0005%					
Insol. matter < 0.01%	Res. on evap. < 0.02%	Mg < 0.001%					
Subs. not red. by HCOOH <	Fe < 0.001%	Na < 0.005%					

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



MERCURY (II) IODIDE RED AGR			BASICHEM	reference	packaging		price
Assay > 99%	Hg (I) < 0.1%	Pb < 0.001%		HGIO-00A-025	P	25 g	
Soluble Hg salts (Hg) < 0.05%	Ni < 0.001%						
Solub. (10% KI) Passes test	Cu < 0.001%						



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

CH₃OH



METHANOL 99.8 % GLR		BASICHEM	reference	packaging		price			
App. Colourless/transp liq. Acetone < 0.003% H ₂ O < 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		MTOL-POP-1K0		1 L				
			MTOL-POP-5K0		5 L				
			MTOL-POP-10K		10 L				
			MTOL-MOP-25K		25 L				
METHANOL AGR ACS,ISO,PH.EUR.		BASICHEM	reference	packaging		price			
Assay > 99.8% Non-Vol. Mat. < 0.001% H ₂ O < 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 ₂ SO ₄ Solub. in H ₂ O 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	MTOL-OIA-1K0		1 L				
			MTOL-OIA-2K5		2,5 L				
			MTOL-OIA-P04		4x2,5 L				
			MTOL-OIA-5K0		5 L				
			METHANOL GC / HPLC GGR		INSTRUKEM	reference	packaging		price
			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 ₂ O (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 ₂ SO ₄ passes test	Subst. red. KMnO ₄ passes test Solub. in H ₂ O passes test ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 LC Grad. Suit.	MTOL-0GH-2K5		2,5 L	
						MTOL-0GH-P04		4x2,5 L	
						MTOL-0GH-4K0		4 L	
						MTOL-0GH-PG4		4x4 L	
						METHANOL LC/MS LGR		INSTRUKEM	reference
			Assay > 99.9% App. Clear colourless liquid H ₂ O (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		2,5 L	
						MTOL-LCM-P04		4x2,5 L	

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



METHYL ETHYL KETONE 99.5% GLR	BASICHEM	reference	packaging	price
Assay > 99.5% App. Transp./yellowish liq. H ₂ O < 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 - 81.0°C	MEKT-P0P-1K0	 1 L	
		MEKT-P0P-5K0	 5 L	
		MEKT-M0P-25K	 25 L	

METHYL ORANGE *SEE P. 384*

METHYL RED *SEE P. 384*

METHYLENE BLUE *SEE P. 384*

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



NAPHTALENE 99.7% AGR	BASICHEM	reference	packaging	price
Melt. range 79.5 - 81°C	Assay > 99.7%	NANE-00A-500	 500 g	

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



1-NAPHTOL AGR	BASICHEM	reference	packaging	price
Melt. range 95 - 97°C Assay > 99% Insol. (MeOH) < 0.01%	Cl ⁻ < 0.005% 2-Naphtol < 0.2% Naphthalene < 0.2% H ₂ O < 0.2% Ash (SO ₄) < 0.01% Fe < 0.001% Heavy metals (Pb) < 0.001%	NAOL-01A-100	 100 g	

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	BASICHEM	reference	packaging	price
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	 250 ml	



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

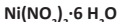


NICKEL (II) CHLORIDE HEXAHYDRATE AGR		BASICHEM	reference	packaging		price
Assay > 98% App. Green/Crystal. powder Insol. matter < 0.005%	Fe < 0.002% Cu < 0.001% Co < 0.005%	Pb < 0.002% Cd < 0.005% Zn < 0.001%	NICH-06A-500	P	500 g	

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



NICKEL (II) NITRATE HEXAHYDRATE EPR		BASICHEM	reference	packaging		price
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	

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



NITRIC ACID 65% EPR				BASICHEM	reference	packaging		price		
Assay > 65% Density at 20°C approx. - 1.4g/ml Ash (SO ₃) < 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 PP2B	1 L			
NITRIC ACID 65% AGR ISO				BASICHEM	reference	packaging		price		
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		
						NIAC-5IA-2K5	P GL45	2,5 L		
						NIAC-5IA-P04	P GL45	4x2,5 L		
NITRIC ACID 70% AGR				BASICHEM	reference	packaging		price		
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		
						NIAC-00A-2K5	G GL45	2,5 L		
						NIAC-00A-P04	G GL45	4x2,5 L		
NITRIC ACID 67-69% TGR FOR TRACE ANALYSIS (PPB)				⌚	INSTRUKEM	reference	packaging		price	
Assay 67 - 69% Use within 15 months of opening, up to unopened expiration date Sb < 0.00000005% Cl ⁻ < 0.00002% Be < 0.00000001% Colour (Hazen) < 10 S < 0.00003% Bi < 0.00000001%		Ba < 0.00000001% B < 0.00000001% Ni < 0.00000005% Fe < 0.00000001% Al < 0.00000001% Ca < 0.00000001% Cr < 0.00000001% Cu < 0.00000005% Mn < 0.00000001% Co < 0.00000005%		Li < 0.00000001% Mg < 0.00000001% Na < 0.00000001% As < 0.00000005% Mo < 0.00000001% Pb < 0.00000001% Pd < 0.00000005% Hg < 0.00000001% Sr < 0.00000001% Cd < 0.00000005%		Pt < 0.00000005% Ag < 0.00000001% Rh < 0.00000005% Sn < 0.00000005% Zn < 0.00000005% W < 0.00000001% P < 0.00000001%	NIAC-TGR-2K5	P GL45	2,5 L	

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



NITRIC ACID, VOLUMETRIC SOLUTION 1.0 M (1.0 N) VSA		BASICKEM	reference	packaging	price
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N	Tolerance (M) 0.001M Tolerance (N) 0.001N		NIAC-1V0-1K0	 1 L	

P-NITROANILINE

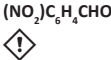
MW: 138.12 CAS: 100-01-6 EC: 202-810-1 EC INDEX: 612-012-00-9
IMDG: 6.1 II UN 1661 ADR: 6.1 II UN 1661 (D/E) IATA: 6.1 II UN 1661



P-NITROANILINE AGR	BASICKEM	reference	packaging	price
Assay > 99%	Melt. range 147 - 149°C Ash < 0.05%	NIAN-POA-100	 100 g	

2-NITROBENZALDEHYDE

MW: 151.12 CAS: 552-89-6 EC: 209-025-3



2-NITROBENZALDEHYDE 99% AGR	BASICKEM	reference	packaging	price
Assay (Hydroxylamine titr.) > 99% Melt. range 41 - 43°C	Ash (SO ₄) < 0.1% Fe < 0.0005% Heavy metals (Pb) < 0.001%	NIBZ-00A-025	 25 g	

OLEIC ACID

MW: 282,47 CAS: 112-80-1 EC: 204-007-1



OLEIC ACID EPR	BASICKEM	reference	packaging	price
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	 500 ml	

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



ORTOPHOSPHORIC ACID 85% EPR	BASICKEM	reference	packaging	price
Assay 84 - 87% Density at 20°C 1.700g/ml		ORAC-00P-1K0	 1 L	
		ORAC-00P-2K5	 2,5 L	
ORTOPHOSPHORIC ACID 85% AGR	BASICKEM	reference	packaging	price
Assay 84 - 87% SO ₄ < 0.01%	Fe < 0.002% Pb < 0.002% Density at 20°C < 1.7g/ml	ORAC-00A-1K0	 1 L	



ORTOPHOSPHORIC ACID 85% AGR ACS, ISO, PH.EUR.			BASICHEM	reference	packaging		price
Assay > 85%	SO ₄ < 0.003%	Mg < 0.001%		ORAC-OIA-1K0	P GLS	1 L	
Volatile Acids < 0.001%	SiO ₂ < 0.025%	Na < 0.025%					
Subst. red. KMnO ₄ < 0.001%	Ni < 0.0001%	K < 0.0005%					
Cl ⁻ < 0.0002%	Fe < 0.0005%	As < 0.00005%					
Sb < 0.0002%	Heavy metals (Pb) < 0.0005%	Pb < 0.0001%					
Colour (Hazen) < 10	Ca < 0.005%	Cd < 0.0001%					
F < 0.0001%	Cu < 0.0001%	Zn < 0.0002%					
NO ₃ < 0.0003%	Mn < 0.00005%						
H ₃ PO ₃ < 0.002%	Co < 0.0001%						

OXALIC ACID DIHYDRATE

MW: 126,07 CAS: 6153-56-6 EC: 205-634-3 EC INDEX: 607-006-00-8

IMDG: 8 III UN 3261 ADR: 8 III UN 3261 (E) IATA: 8 III UN 3261

H₂C₂O₄·2H₂O



OXALIC ACID DIHYDRATE AGR			BASICHEM	reference	packaging		price
Assay 99.5 - 102.5	Fe < 0.0002%	Cu < 0.0005%		OXAC-02A-500	P	500 g	
Insol. matter < 0.005%	Res. on ignition < 0.01%	Mg < 0.002%		OXAC-02A-1K0	P	1 Kg	
Total N < 0.001%	Heavy metals (Pb) < 0.0005%	Pb < 0.0005%					
Cl ⁻ < 0.0005%	SO ₄ < 0.005%						
Subs. dark. by H ₂ SO ₄	Ca < 0.001%						

OXALIC ACID, VOLUMETRIC SOLUTIONS

MW: 126,07 CAS: 6153-56-6

H₂C₂O₄



OXALIC ACID, VOLUMETRIC SOLUTION 0.05 M (0.1 N) VSA			BASICHEM	reference	packaging		price
Concentration (M) 0.0499 - 0.0501M	Tolerance (M) 0.0001M			OXAC-01V-1K0	P GLS	1 L	
Concentration (N) 0.0998 - 0.1002N	Tolerance (N) 0.0002N						

PARAFFIN, LIGHT LIQUID

CAS: 8042-47-5 EC: 232-455-8



PARAFFIN, LIGHT LIQUID GLR PH.EUR.			BASICHEM	reference	packaging		price
Identification Conforms	Acid. or alk. Passes test	PAH Passes test		PALI-POP-1K0	P	1 L	
App. Colourless/transp./oily liquid free from	Rel. dens. 0.81 - 0.875	Readily carbonis. subs. Passes test		PALI-POP-5K0	P	5 L	
fluoresc.in daylight	Viscosity 25 - 80mPa.	Solid paraffins Passes test					

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

CH₃(CH₂)₃CH₃



N-PENTANE AGR			BASICHEM	reference	packaging		price
Assay > 99	Ni < 0.000002%	Cr < 0.0000002%		PENT-00A-1K0	G	1 L	
H ₂ O < 0.01%	Res. on evap. < 0.001%	Cu < 0.0000002%					
S < 0.005%	Fe < 0.00001%	Mn < 0.000002%					
Acidity < 0.0005%	Al < 0.00005%	Co < 0.000002%					
Ba < 0.00001%	Ca < 0.00005%	Mg < 0.00001%					

PEPTONE FROM CASEIN *SEE P. 42*



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



GRADES, FAMILIES and PACKAGING information on p. 320

PERCHLORIC ACID 60%

MW: 100.46 CAS: 7601-90-3 EC: 231-512-4 EC INDEX: 017-006-00-4

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.				BASICHEM	reference	packaging		price
Assay > 60%	Fe < 0.0001%	K < 0.00001%	V < 0.000005%		ACPE-60A-1K0		1 L	
Be < 0.000002%	Al < 0.000005%	Mo < 0.000005%	Zr < 0.00001%					
Ge < 0.000005%	Ca < 0.00005%	As < 0.000005%	ClO ₂ < 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 GLR				BASICHEM	reference	packaging		price
Res. on evap. < 0.001% H ₂ O < 0.01%	Benzene < 0.001% S < 0.005%	Destil.Range 40 - 60°C APP 0°C Passes test			PEET-40P-1K0		1 L	
					PEET-40P-2K5		2,5 L	
					PEET-40P-P04		4x2,5 L	
PETROLEUM ETHER 40-60 AGR				BASICHEM	reference	packaging		price
Non-Vol. Mat. < 0.001% H ₂ O < 0.01% Free Acid < 0.002% 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%	Mn < 0.000002% Ni < 0.000002% Pb < 0.000002% Sn < 0.00001% Zn < 0.00001% Benzene < 0.01% Iodine Number < 0.3	S < 0.005% Density 0.640 - 0.655g/ml Boiling range > 90% Res. on evap. < 0.001%		PEET-40A-1K0		1 L	
					PEET-40A-2K5		2,5 L	
					PEET-40A-P04		4x2,5 L	
PETROLEUM ETHER 40-60 HPLC GGR				INSTRUKEM	reference	packaging		price
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		2,5 L	
					PEET-4GH-P04		4x2,5 L	

PH STANDARDS *SEE P. 279*

1,10-PHENANTROLINE MONOHYDRATE *SEE P. 384*

PHENOL CRYSTALLIZED

MW: 94,11 CAS: 108-95-2 EC: 203-632-7 EC INDEX: 604-001-00-2

IMDG: 6.1 II UN 1671 ADR: 6.1 II UN 1671 (D/E) IATA: 6.1 II UN 1671



PHENOL CRYSTALLIZED EPR			BASICHEM	reference	packaging		price
Assay (GC) > 98.0		App. White or pink crystals or mass		PHOL-00T-500	g	500 g	
Solidif. point 38 - 42°C							



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

PHENOL CRYSTALLIZED AGR ACS			BASICHEM	reference	packaging		price
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 ₂ O < 0.5% Stabilizer < 0.15% Phenol becomes pink on exposure to air and light.		PHOL-00A-500		500 g	

PHENOL RED *SEE P. 385*

PHENOLPHTALEIN *SEE P. 385*

POTASSIUM BROMIDE

MW: 119,00 CAS: 7758-02-3 EC: 231-830-3

KBr

POTASSIUM BROMIDE AGR			BASICHEM	reference	packaging		price
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		500 g	

POTASSIUM CARBONATE

MW: 138,21 CAS: 584-08-7 EC: 209-529-3

K₂CO₃



POTASSIUM CARBONATE AGR			BASICHEM	reference	packaging		price
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		500 g	

POTASSIUM CHLORIDE

MW: 74.55 CAS: 7447-40-7 EC: 231-211-8

KCl

POTASSIUM CHLORIDE EPR GRADE PH. EUR.			BASICHEM	reference	packaging		price
Assay KCl (dried subst.) 99 - 101% App. White/almost white/crystalline powder or colourless crystals Identification Conforms Loss on dry. < 1% App. of sol. Conforms	Acid. or alk. Passes test I ⁻ Passes test Ba Passes test SO ₄ ⁻ < 0.03% Fe < 0.002% Heavy metals (Pb) < 0.001%	Al < 0.0001% Mg and alk.-earth metals (Ca) < 0.02% Na < 0.1% Br < 0.1%		POCL-00P-1K0		1 kg	
POTASSIUM CHLORIDE AGR ISO, ACS, PH. EUR.			BASICHEM	reference	packaging		price
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		1 kg	

POTASSIUM CHLORIDE, ELECTRODE SOLUTIONS *SEE P. 279*

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

K₂CrO₄



POTASSIUM CHROMATE AGR ACS			BASICHEM	reference	packaging		price
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		500 g	



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



GRADES, FAMILIES and PACKAGING information on p. 320

POTASSIUM CHROMATE SOLUTION, INDICATOR *SEE P. 385*

POTASSIUM DICHROMATE

MW: 294.19 CAS: 7778-50-9 EC: 231-906-6 EC INDEX: 024-002-00-6 TARIC code: 28415000 Restriction: REACH Authorization

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



POTASSIUM DICHROMATE AGR ACS, ISO, PH.EUR.	BASICKEM	reference	packaging		price
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	 250 g	

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 Authorization



POTASSIUM DICHROMATE, VOLUMETRIC SOLOUTION 0.0167 M (0.1 N) VSA	BASICKEM	reference	packaging		price
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	 1 L		

POTASSIUM DIHYDROGEN PHOSPHATE

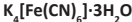
MW: 136,08 CAS: 7778-77-0 EC: 231-913-4



POTASSIUM DIHYDROGEN PHOSPHATE AGR	BASICKEM	reference	packaging		price
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	 500 g

POTASSIUM HEXACYANOFERRATE (II) TRIHYDRATE

MW: 422,39 CAS: 14459-95-1 EC: 237-722-2



POTASSIUM HEXACYANOFERRATE (II) TRIHYDRATE AGR	BASICKEM	reference	packaging		price
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	 500 g		

POTASSIUM HEXACYANOFERRATE (III)

MW: 329,25 CAS: 13746-66-2 EC: 237-323-3



POTASSIUM HEXACYANOFERRATE (III) AGR	BASICKEM	reference	packaging		price
Assay (by iodometry) > 99.0% App. Red crystals	Insol. matter < 0.005% Cl ⁻ < 0.01%	SO ₄ < 0.01% (Fe(CN) ₆) ₄ ²⁻ < 0.05%	POHF-30A-500	 500 g	

DI-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS

MW: 174.18 CAS: 7758-11-4 EC: 231-834-5



DI-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS AGR	BASICKEM	reference	packaging		price
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	 500 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

POTASSIUM HYDROGEN PHTHALATE

MW: 204,22 CAS: 877-24-7 EC: 212-889-4

C₈H₅KO₄

POTASSIUM HYDROGEN PHTHALATE AGR			BASICKEM	reference	packaging		price
App. White crystalline powder Assay (after drying) > 99.5% Insol. matter < 0.005% Loss on dry. (110 °C) < 0.2%	Cl ⁻ < 0.002% Phthalic acid < 0.005% SO ₄ < 0.005% Cu < 0.0005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005% Na < 0.01%		POPH-00A-500		500 g	

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 PELLETS				BASICKEM	reference	packaging		price
Appearance/colour White to gray granule or flakes Assay > 85% Total N < 0.001%	Cl ⁻ < 0.01% PO ₄ ⁻³ < 0.003% SiO ₂ < 0.01% SO ₄ ⁻² < 0.005%	CO ₃ (K ₂ CO ₃) < 1.5% Heavy metals (Pb) < 0.002% Al < 0.01% Ca < 0.003%	Fe < 0.001%	POHY-POT-500		500 g		
				POHY-POT-1K0		1 Kg		
POTASSIUM HYDROXYDE 85% AGR PELLETS				BASICKEM	reference	packaging		price
Appearance/colour White or grey granule Assay > 85% Total N < 0.001% Cl ⁻ < 0.004% PO ₄ ⁻³ < 0.001%	SiO ₂ < 0.005% SO ₄ ⁻² < 0.002% CO ₃ (K ₂ CO 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		500 g		
				POHY-P0A-1K0		1 Kg		
				POHY-P0A-5K0		5 Kg		

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
Concentration (20°C) (M) 0.0996 - 0.1004M Concentration (20°C) (N) 0.0996 - 0.1004N					POHY-01V-1K0		1 L	
Tolerance (M) 0.0004M Tolerance (N) 0.0004N								
POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 1 M (1 N) VSA				BASICKEM	reference	packaging		price
App. Colourless clear liquid Concentration (25°C) (M) 0.996 - 1.004M Concentration (25°C) (N) 0.996 - 1.004N					POHY-1V0-1K0		1 L	
Tolerance (M) 0.004M Tolerance (N) 0.004N								

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
Comp. 5.612 g KOH / L C ₂ H ₅ OH Concentration (20°C) (M) 0.0998 - 0.1002M Concentration (20°C) (N) 0.0998 - 0.1002N					POHY-E1V-1K0		1 L	
Tolerance (M) 0.0002M Tolerance (N) 0.0002N								
POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.5 M (0.5 N) IN ETHANOL VSA				BASICKEM	reference	packaging		price
Comp. 28.055g KOH / L C ₂ H ₅ OH Concentration (20°C) (M) 0.499 - 0.501M Concentration (20°C) (N) 0.499 - 0.501N					POHY-E5V-1K0		1 L	
Tolerance (M) 0.001M Tolerance (N) 0.001N								

POTASSIUM IODIDE

MW: 166,00 CAS: 7681-11-0 EC: 231-659-4

KI

POTASSIUM IODIDE EPR PH.EUR.				BASICHEM	reference	packaging		price
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	
					POIO-00P-500		500 g	
					POIO-00P-1K0		1 kg	

POTASSIUM IODIDE AGR ISO				BASICHEM	reference	packaging		price
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	
					POIO-00A-1K0		1 kg	

POTASSIUM NITRATE

MW: 101,10 CAS: 7757-79-1 EC: 231-818-8 TARIC code: 28342100 Restriction: Explosives precursor

KNO₃

IMDG: 5.1 III UN 1486 ADR: 5.1 III UN 1486 (E) IATA: 5.1 III UN 1486



POTASSIUM NITRATE EPR				BASICHEM	reference	packaging		price
Assay > 98.5% App. White powder Insol. matter < 0.005% H ₂ O < 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	

POTASSIUM NITRATE AGR				BASICHEM	reference	packaging		price
Assay > 99% App. white powder Insol. matter < 0.005% H ₂ O < 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	
					PONA-00A-1K0		1 kg	

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

KMnO₄

IMDG: 5.1 II UN 1490 ADR: 5.1 II UN 1490 (E) IATA: 5.1 II UN 1490



POTASSIUM PERMANGANATE AGR				BASICHEM	reference	packaging		price
Assay > 99.0% Insol. matter < 0.2%	Cl ⁻ < 0.005% SO ₄ < 0.02%				KMNO-00A-500		500 g	
					KMNO-00A-1K0		1 kg	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

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



POTASSIUM PERMANGANATE 0.02 M (0.1 N) VSA	BASICKEM	reference	packaging		price
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		1 L	

POTASSIUM SODIUM TARTRATE TETRAHYDRATE

MW: 282.22 CAS: 6381-59-5 EC: 205-698-2



POTASSIUM SODIUM TARTRATE TETRAHYDRATE AGR	BASICKEM	reference	packaging		price
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 ²⁻ < 0.01% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.002%	POST-00A-500		500 g	
		POST-00A-1K0		1 kg	

POTASSIUM SULPHATE

MW: 174.27 CAS: 7778-80-5 EC: 231-915-5



POTASSIUM SULPHATE AGR	BASICKEM	reference	packaging		price
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%	POSU-00A-500		500 g	

POTASSIUM THIOCYANATE

MW: 97,18 CAS: 333-20-0 EC: 206-370-1 EC INDEX: 615-004-00-3



POTASSIUM THIOCYANATE AGR ACS	BASICKEM	reference	packaging		price
App. Colourless to white deliquescent crystals Assay > 98.5% Insol. matter < 0.005% pH (5%) 5.3 - 8.5 Cl ⁻ < 0.005% SO ₄ ²⁻ < 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		500 g	

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

1-PROPANOL HPLC GGR	INSTRUKEM	reference	packaging		price
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		2,5 L	
		PROL-1GH-P04		4 x 2,5 L	



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



2-PROPANOL 99.9% GLR			BASICHEM	reference	packaging	price
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-POP-1K0	 1 L	
				PROL-GOP-1K0	 1 L	
				PROL-POP-5K0	 5 L	
				PROL-POP-10K	 10 L	
				PROL-MOP-25K	 25 L	
2-PROPANOL AGR ACS, PH. EUR.			BASICHEM	reference	packaging	price
Assay > 99.8% Non-Vol. Mat. < 0.0005% H ₂ O < 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 ₂ O 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-OIA-1K0	 1 L	
				PROL-OIA-2K5	 2,5 L	
				PROL-OIA-P04	 4x2,5 L	
				PROL-OIA-5K0	 5 L	
2-PROPANOL HPLC GGR			INSTRUKEM	reference	packaging	price
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	 2,5 L	
				PROL-2GH-P04	 4x2,5 L	
2-PROPANOL LC/MS LGR			INSTRUKEM	reference	packaging	price
Assay > 99.9% Filtered through 0.2 µm App. Clear colourless liquid H ₂ O (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	 2,5 L	
				PROL-LCM-P04	 4x2,5 L	

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



PROPIONIC ACID 99% EPR			BASICHEM	reference	packaging	price
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	 500 ml	



PUMICE STONE

CAS: 1332-09-8

PUMICE STONE, GRAINS 2-4 MM GLR	BASICEM	reference	packaging		price
Grains 2 - 4mm		PUMI-00P-250		250 g	

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



PYRIDINE AGR	BASICEM	reference	packaging		price
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		1 L	

SALICYLIC ACID

MW: 138,12 CAS: 69-72-7 EC: 200-712-3



SALICYLIC ACID EPR	BASICEM	reference	packaging		price
App. White crystals Assay > 98.0% Melt. range 158 - 161°C Ash (SO_4) < 0.02%		SAAC-00P-500		500 g	

SALICYLIC ACID AGR	BASICEM	reference	packaging		price
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		500 g	

SAND, CLEANED AND DRIED

MW: 60,1 CAS: 14808-60-7 EC: 238-878-4



SAND, CLEANED AND DRIED, FINE, 0.1-0.6 MM AUX	BASICEM	reference	packaging		price
Round particles Assay (SiO_2) > 98.5% Density 2.5g/ml Part. Size 0.1 - 0.6mm Loss on ign. < 0.35% pH (20% suspension) 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		1 kg	
		SAND-001-5K0		5 kg	

SAND, CLEANED AND DRIED, COARSE, 1-2 MM AUX	BASICEM	reference	packaging		price
Round particles Assay (SiO_2) > 98.5% Density 2.49g/ml Part. Size 1 - 2mm Loss on ign. < 0.35% pH (20% suspension) 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		1 kg	
		SAND-002-5K0		5 kg	

SILICA GEL FOR DESICCATOR *SEE IN P. 70*SILICA GEL FOR CHROMATOGRAPHY *SEE IN P. 161*SILICONE GREASE *SEE IN P. 104*

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



GRADES, FAMILIES and PACKAGING information on p. 320

SILICONE OIL *SEE IN P. 203*

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



SILVER NITRATE AGR ACS	BASICHEM	reference	packaging	price
Assay > 99.9% Clarity of sol. Passes test Insol. matter < 0.003% Silver (Ag) > 63.4% Cl ⁻ < 0.0001%	pH 3.8 - 6 H ₂ O < 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 	25 g
			SINA-00A-100 	100 g

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



SILVER NITRATE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging	price
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	 1 L	

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



SILVER SULFATE AGR	BASICHEM	reference	packaging	price
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 	25 g

SODIUM ACETATE ANHYDROUS

MW: 82.03 CAS: 127-09-3 EC: 204-823-8



SODIUM ACETATE ANHYDROUS EPR					BASICHEM	reference	packaging		price
Assay 99 - 101%	pH (1%) 8 - 9.5	Cl ⁻ < 0.03%	App. white/hygrosc. powd. Insol. matter < 0.05%			SOAC-A0P-500		500 g	
Formic acid < 0.1%	Loss on dry. < 0.5%	Fe < 0.0003%							
As < 0.0002%	Pb < 0.0002%	K < 0.05%							
Hg < 0.00001%	Cd < 0.0001%	SO ₄ < 0.005%							
Heavy met. < 0.001%	Ca + Mg < 0.005%	Acetic acid < 0.5%				SOAC-A0P-1K0		1 kg	
SODIUM ACETATE ANHYDROUS AGR					BASICHEM	reference	packaging		price
Assay > 99%	PO ₄ < 0.0005%	SO ₄ < 0.002%	Pb < 0.0005%			SOAC-A0A-500		500 g	
pH (5%) 7 - 9.2	Fe < 0.0005%	Cu < 0.0005%							
Insol. matter < 0.01%	Al < 0.001%	Mg < 0.0005%							
Cl ⁻ < 0.002%	Ca < 0.001%	K < 0.03%							

SODIUM ACETATE TRIHYDRATE

MW: 136.08 CAS: 6131-90-4 EC: 204-823-8



SODIUM ACETATE TRIHYDRATE EPR			BASICHEM	reference	packaging		price
Assay > 98%	Cl ⁻ < 0.005%	Ca < 0.005%	Zn < 0.005%	SOAC-03P-1K0		1 kg	
App. colourless crystals	Fe < 0.001%	Cu < 0.005%					
Insol. matter < 0.01%	Al < 0.001%	Mg < 0.002%					
pH (5%, 20°C) 7.5 - 9.5	SO ₄ ⁻ < 0.01%	Pb < 0.005%					



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SODIUM ACETATE TRIHYDRATE AGR				BASICHEM	reference	packaging		price
Assay > 99%		Subst. red. KMnO ₄ < 0.005%	Fe < 0.0005%	Mg < 0.0005%	SOAC-03A-500	P	500 g	
pH (5%, 20°C) 7.5 - 9.2		Cl ⁻ < 0.001%	SO ₄ < 0.002%	K < 0.005%				
Insol. matter < 0.005%		PO ₄ < 0.0005%	Ca < 0.001%	Pb < 0.0005%				

SODIUM CARBONATE ANHYDROUS

MW: 105,99 CAS: 497-19-8 EC: 207-838-8 EC INDEX: 011-005-00-2



SODIUM CARBONATE ANHYDROUS EPR				BASICHEM	reference	packaging		price
Assay > 99%		SO ₃ < 0.04%	Hg < 0.0001%	Density approx. 0.48 - 0.61g/ml	SOCA-00P-500	P	500 g	
Loss on dry. < 1.0%		Fe < 0.0035%	Pb < 0.0002%		SOCA-00P-1K0		1 kg	
Cl ⁻ < 0.3%		As < 0.0002%			SOCA-00P-5K0		5 kg	

SODIUM CARBONATE ANHYDROUS AGR				BASICHEM	reference	packaging		price
Assay 99.5 - 100.5%		EP and USP Conforms	Heavy metals (Pb) < 0.001%		SOCA-A0A-500	P	500 g	
Loss on dry. (300 °C) < 1%		FCC (FDA) Conforms	As < 0.0003%					
H ₂ O < 0.5%		Fe < 0.001%	Pb < 0.0002%					
Cl ⁻ < 0.0125%		SO ₄ < 0.003%	Hg < 0.0001%					

SODIUM CHLORIDE

MW: 58,44 CAS: 7647-14-5 EC: 231-598-3



SODIUM CHLORIDE EPR				BASICHEM	reference	packaging		price
Assay > 99.8%		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	
Res. on roast. < 1.5%					SOCH-00T-1K0	P	1 Kg	
Insol. matter < 0.01%								
Total N < 0.002%								
I ⁻ < 0.012%								
Ba < 0.01%								
Fe < 0.001%								
SODIUM CHLORIDE AGR				BASICHEM	reference	packaging		price
App. Colourless crystals / white powder		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	
Assay > 99.9%					SOCH-00A-1K0	P	1 kg	
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%		SOCH-00A-5K0	P	5 kg				
SO ₄ < 0.003%								
SODIUM CHLORIDE FOR SALT SPRAY CHAMBER ASTM B117-16 / ISO-9227 AGR				BASICHEM	reference	packaging		price
Assay > 99.6%		Cu, Ni, Pb < 0.005% Total Imp. < 0.2% The salt does not contain anti-caking agents According to ASTM B117-18 According to ISO 9227:2017			SOCH-0SA-5K0	P	5 kg	
NaI < 0.1%					SOCH-0SA-25K	P	25 kg	
Halid. (Br, I, F) < 0.1%								
Cu < 0.00003%								
Ni < 0.001%								

TRI-SODIUM CITRATE DIHYDRATE

MW: 294,10 CAS: 6132-04-3 EC: 200-675-3

C₆H₅Na₃O₇·2H₂O

TRI-SODIUM CITRATE DIHYDRATE	AGR	BASICKEM	reference	packaging	price
Assay > 99% pH (5%, 20°C) 7 - 9 Insol. matter < 0.005%	Cl ⁻ < 0.001% Ammo. salts (NH ₄) ⁺ < 0.001% PO ₄ ³⁻ < 0.002%	Fe < 0.0005% SO ₄ ²⁻ < 0.005% Pb < 0.0005%	SOCI-02A-500	 500 g	

SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS

MW: 119.98 CAS: 7558-80-7 EC: 231-449-2

NaH₂PO₄

SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS	AGR	BASICKEM	reference	packaging	price
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 ²⁻ < 0.005%	Cu < 0.005% K < 0.03% Zn < 0.005%	SODH-00A-500	 500 g

SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE

MW: 156,01 CAS: 13472-35-0

NaH₂PO₄·2H₂O

SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE	AGR	BASICKEM	reference	packaging	price
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 ²⁻ < 0.005% Heavy metals (Pb) < 0.001% Ca < 0.005% Mg < 0.001%	As < 0.0002%	SODH-02A-500	 500 g

SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE

MW: 137.99 CAS: 10049-21-5 EC: 231-449-2

NaH₂PO₄·H₂O

SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE	AGR	BASICKEM	reference	packaging	price
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 ²⁻ < 0.005% Ca < 0.005%	Mg < 0.001% As < 0.0001%	SODH-01A-500	 500 g

SODIUM HEXAMETAPHOSPHATE

MW: 611.77 CAS: 10124-56-8 EC: 233-343-1

Na₆(PO₃)₆

SODIUM HEXAMETAPHOSPHATE	GLR	BASICKEM	reference	packaging	price
Assay (as NaPO ₃) 65 - 70%			SOHM-00P-500	 500 g	

SODIUM HYDROGEN CARBONATE

MW: 84,01 CAS: 144-55-8 EC: 205-633-8

NaHCO₃

SODIUM HYDROGEN CARBONATE	EPR	BASICKEM	reference	packaging	price
App. White powder Assay 99 - 101% Insol. matter < 0.02% pH (5%, 20°C) 8 - 8.6 Cl ⁻ < 0.01%	SO ₄ ²⁻ < 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	 500 g	
			SOHC-00P-1K0	 1 kg	
SODIUM HYDROGEN CARBONATE	AGR	BASICKEM	reference	packaging	price
Assay 99 - 101% Subst. Red. I ₂ < 0.005% Insol. matter < 0.01% Cl ⁻ < 0.01%	PO ₄ ³⁻ < 0.002% NH ₄ ⁺ < 0.001% Fe < 0.001% SO ₄ ²⁻ < 0.005%	Heavy metals (Pb) < 0.0005% Ca < 0.005% Mg < 0.005% K < 0.005%	SOHC-00A-500	 500 g	



DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE

MW: 177.99 CAS: 10028-24-7 EC: 231-448-7



DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE EPR				BASICKEM	reference	packaging		price
Assay > 98%	Loss on dry. 19.5 - 21%	Heavy metals (Pb) < 0.002%	K < 0.01%		SOPH-02P-1K0		1 kg	
Insol. matter < 0.01%	Cl < 0.002%	Cu < 0.002%	Zn < 0.002%					
pH (5%, 20°C) 8.7 - 9.3	Fe < 0.002%	SO ₄ < 0.02%						
DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE AGR				BASICKEM	reference	packaging		price
Assay 99 - 101%	Loss on dry. 19.5 - 21%	Heavy metals (Pb) < 0.001%	K < 0.005%		SOPH-02A-500		500 g	
Insol. matter < 0.005%	Cl < 0.001%	Cu < 0.001%	Zn < 0.001%					
pH (5%, 20°C) 8.9 - 9.2	Fe < 0.001%	SO ₄ < 0.005%						

DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE

MW: 358,14 CAS: 10039-32-4 EC: 231-448-7



DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE EPR				BASICKEM	reference	packaging		price
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		500 g	
					SOPH-12P-1K0		1 kg	

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



SODIUM HYDROXIDE PEARLS 1-2 MM EPR					BASICHEM	reference	packaging		price
Assay > 98.0% Na ₂ CO 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		500 g		
					SOHY-P0T-1K0		1 kg		
SODIUM HYDROXIDE PEARLS 1-2 MM AGR					BASICHEM	reference	packaging		price
Assay > 98% Na ₂ CO 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		500 g		
					SOHY-P0A-1K0		1 Kg		
					SOHY-P0A-5K0		5 Kg		
SODIUM HYDROXIDE AGR MICROPEARLS LOW IN METALS					BASICHEM	reference	packaging		price
Assay > 99.0% Na ₂ CO ₃ < 0.4% NaCl < 0.03% Na ₂ SO 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		500 g		
					SOHY-M0P-1K0		1 kg		
					SOHY-M0P-5K0		5 kg		

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GRADES, FAMILIES and PACKAGING information on p. 320

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			BASICHEM	reference	packaging		price
Assay (W/V) ~32% Composition 432g NaOH/ l N < 0.0001% Cl ⁻ < 0.001%	Na ₂ CO ₃ < 0.5% S < 0.0001% CN < 0.0001% SiO ₂ < 0.01%	SO ₂ < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0002% Al < 0.0005%		SOHY-32A-5K0		5 L	

SODIUM HYDROXIDE 40% W/W AGR			BASICHEM	reference	packaging		price
App. Colourless liquid Assay 39 - 41% Density (20 °C/4 °C) Approx. -	1.43g/cm Cl ⁻ < 0.005% SO ₂ < 0.01%	Na ₂ CO ₃ < 0.1% Fe < 0.0005% Pb < 0.001%		SOHY-40A-5K0		5 L	
				SOHY-40A-10K		10 L	

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			BASICHEM	reference	packaging		price
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.0001M Tolerance (N) 0.0001N			SOHY-01V-1K0		1 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.5 M (0.5 N) VSA			BASICHEM	reference	packaging		price
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.4995 - 0.5005N	Tolerance (M) 0.0005M Tolerance (N) 0.0005N			SOHY-05V-1K0		1 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 1.0 M (1.0 N) VSA			BASICHEM	reference	packaging		price
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N	Tolerance (M) 0.001M Tolerance (N) 0.001N			SOHY-1V0-1K0		1 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 2.0 M (2.0 N) VSA			BASICHEM	reference	packaging		price
Concentration (M) 1.998 - 2.002M Concentration (N) 1.998 - 2.002N	Tolerance (M) 0.002M Tolerance (N) 0.002N			SOHY-2V0-1K0		1 L	
				SOHY-2V0-5K0		5 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 5.0 M (5.0 N) VSA			BASICHEM	reference	packaging		price
Concentration (M) 4.995 - 5.005M Concentration (N) 4.995 - 5.005N	Tolerance (M) 0.005M Tolerance (N) 0.005N			SOHY-5V0-1K0		1 L	
SODIUM HYDROXIDE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.1 M (0.1 N) VSA			BASICHEM	reference	packaging		price
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		1 amp.	
SODIUM HYDROXIDE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 1.0 M (1.0 N) VSA			BASICHEM	reference	packaging		price
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		1 amp.	



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SODIUM HYPOCHLORITE SOLUTIONS

MW: 74.44 CAS: 7681-52-9 EC: 231-668-3 EC INDEX: 017-011-00-1



IMDG: 8 II UN 1791 ADR: 8 II UN 1791 (E) IATA: 8 II UN 1791

SODIUM HYPOCHLORITE 5% GLR			 BASICHEM	reference	packaging		price
App. Liq. Colourless/yellow Use within 3 months of opening Assay 4.0 - 7.0%	Density at 20°C 1.033g/ml Na ₂ CO ₃ and NaOH < 10g/l Ca < 0.001%	Free chlorine > 50.0g/l		HYPO-05P-1K0		1 L	

SODIUM HYPOCHLORITE 10% GLR			 BASICHEM	reference	packaging		price
Use within 3 months of opening Assay 9 - 11% Density at 20°C 1.15g/ml	Na ₂ CO ₃ and NaOH < 20g/l Fe < 0.05% Free chlorine 100 - 120g/l	App. Liq. Colourless/yellow		HYPO-10P-1K0		1 L	

SODIUM IODIDE

MW: 149,89 CAS: 7681-82-5 EC: 231-679-3



SODIUM IODIDE AGR ACS			BASICHEM	reference	packaging		price
Assay > 99.5% App. white crystalline powder. pH (5%) 6 - 9 Cl ⁻ and Br ⁻ (Cl) < 0.01%	IO ₃ ⁻ < 0.0003% PO ₄ ³⁻ < 0.001% Loss on dry. (105 °C) < 0.5% SO ₄ ²⁻ < 0.005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.002% K < 0.01%		SOIO-00A-100		100 g	

SODIUM METABISULFITE

MW: 190.11 CAS: 7681-57-4 EC: 231-673-0 EC INDEX: 016-063-00-2



SODIUM METABISULFITE AGR			BASICHEM	reference	packaging		price
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		1 kg	

SODIUM MOLYBDATE DIHYDRATE

MW: 241,95 CAS: 10102-40-6 EC: 231-551-7



SODIUM MOLYBDATE DIHYDRATE AGR ACS			BASICHEM	reference	packaging		price
Assay 99 - 102% Insol. matter < 0.005% Reaction (pH) 7 - 10.5	Cl ⁻ < 0.001% NO ₃ ⁻ < 0.005% PO ₄ ³⁻ < 0.001%	NH ₄ ⁺ < 0.01% SO ₄ ²⁻ < 0.02% Fe < 0.001%	Cu < 0.002% Pb < 0.001%	SOMO-02A-100		100 g	

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GRADES, FAMILIES and PACKAGING information on p. 320

SODIUM NITRATE

MW: 84,99 CAS: 7631-99-4 EC: 231-554-3 TARIC code: 31025000 Restriction: Explosives precursor

IMDG: 5.1 II UN 1498 ADR: 5.1 II UN 1498 (E) IATA: 5.1 II UN 1498

NaNO₃



SODIUM NITRATE EPR 99%	BASICHEM	reference	packaging		price
Assay > 99.5% Insol. matter < 0.01% H ₂ O < 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	
SODIUM NITRATE AGR	BASICHEM	reference	packaging		price
Assay > 99.5% App. white powder Insol. matter < 0.005% pH (5%, 20°C) 5 - 7.5 Cl ⁻ < 0.0005% H ₂ O < 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	

SODIUM NITRITE

MW: 69,00 CAS: 7632-00-0 EC: 231-555-9

IMDG: 5.1 (6.1) III UN 1500 ADR: 5.1 (6.1) III UN 1500 IATA: 5.1 (6.1) III UN 1500

NaNO₂



SODIUM NITRITE AGR	BASICHEM	reference	packaging		price
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	

SODIUM OXALATE

MW: 134,00 CAS: 62-76-0 EC: 200-550-3 EC INDEX: 607-007-00-3

Na₂C₂O₄



SODIUM OXALATE AGR	BASICHEM	reference	packaging		price
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	

SODIUM SULFATE ANHYDROUS

MW: 142,04 CAS: 7757-82-6 EC: 231-820-9

Na₂SO₄

SODIUM SULFATE ANHYDROUS EPR		BASICHEM	reference	packaging		price
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		500 g	
			SOSU-00T-1K0		1 kg	
SODIUM SULFATE ANHYDROUS AGR		BASICHEM	reference	packaging		price
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		500 g	
			SOSU-AGA-1K0		1 kg	
			SOSU-AGA-5K0		5 kg	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

SODIUM SULFITE ANHYDROUS

MW: 126,04 CAS: 7757-83-7 EC: 231-821-4

Na₂SO₃

SODIUM SULFITE ANHYDROUS AGR	BASICHEM	reference	packaging		price
Appearance Colourless clear crystals - colourless clear crystals Assay > 96% insol. in water < 0.01% Cl ⁻ < 0.01%	Thiosulphate < 0.04% Carbonates (Na ₂ CO 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	

DI-SODIUM TETRABORATE DECAHYDRATE

MW: 381.37 CAS: 1303-96-4 EC: 215-540-4 EC INDEX: 005-011-01-1

Na₂B₄O₇·10H₂O

DI-SODIUM TETRABORATE DECAHYDRATE AGR	BASICHEM	reference	packaging		price
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	

SODIUM THIOSULFATE PENTAHYDRATE

MW: 248,21 CAS: 10102-17-7 EC: 231-867-5

Na₂S₂O₃·5H₂O

SODIUM THIOSULFATE PENTAHYDRATE EPR	BASICHEM	reference	packaging		price
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
				SOTH-05T-1K0	P 1 kg
SODIUM THIOSULFATE PENTAHYDRATE AGR	BASICHEM	reference	packaging		price
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
				SOTH-05A-1K0	P 1 kg

SODIUM THIOSULFATE, VOLUMETRIC SOLUTIONS

MW: 158,11 CAS: 10102-17-7 EC: 231-867-5

Na₂S₂O₃

SODIUM THIOSULFATE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging		price
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.0001M Tolerance (N) 0.0001N	SOTH-01V-1K0	P GLAS	1 L	
SODIUM THIOSULFATE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging		price
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.	

SODIUM TRISILICATE, SOLUTION

CAS: 1344-09-8 EC: 215-687-4

Na₂O · nSiO₂ · nH₂O

SODIUM TRISILICATE, SOLUTION GLR	BASICHEM	reference	packaging		price
App. Colourless-grey liquid M. module SiO ₂ /Na ₂ O 2.4 - 2.6 SiO ₂ and Na ₂ O > 39%	Density at 20°C 1.45 - 1.48g/ml Fe ₂ O 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	

SOLVENTS FOR CHROMATOGRAPHY *SEE P. 197*

STARCH

MW: (162,1)n CAS: 9005-84-9 EC: 232-686-4



STARCH AGR		BASICKEM	reference	packaging		price
App. White powder Solub. in H ₂ O Passes test Sensitivity Passes test	Loss on dry. < 12% pH (6%,20°C) Approx. 6.5% Reducing subst. Passes test		Ash (SO ₄) < 0.4%	STAR-00A-500	 500 g	

STARCH, INDICATOR *SEE P. 386*

D(+)-SUCROSE

CAS: 57-50-1 MW: 342,29 EC: 200-334-9 TARIC code: 17019910



D(+)-SUCROSE AGR		BASICKEM		reference	packaging		price
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	
				SUCR-00A-1K0	P	1 kg	
				SUCR-00A-5K0	P	5 kg	

SULFAMIC ACID

MW: 97,09 CAS: 5329-14-6 EC: 226-218-8 EC INDEX: 016-026-00-0



IMDG: 8 III UN 2967 ADR: 8 III UN 2967 (E) IATA: 8 III UN 2967



SULFAMIC ACID AGR	BASICKEM	reference	packaging		price
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 ₂ < 0.05% Pb < 0.001%	SLAC-00A-250	 250 g	
			SLAC-00A-500	 500 g	

SULFUR POWDER

MW: 32,06 CAS: 7704-34-9 EC: 231-722-6



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
Assay > 99.9% App. Fine yellow powder	Acids (H ₂ SO ₄) < 0.005% Organic comp. < 0.015%	Ash < 0.02% Water < 0.1%	Solub. in NaOH Passes test As < 0.00001%	SUPW-00A-500	 500 g

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



SULFURIC ACID 25% AGR	BASICKEM	reference	packaging		price
Assay > 25% Density at 20°C 1.176 - 1.180g/ml Res. on ignition < 0.001%	NO ₂ < 0.0005% Cl ⁻ < 0.0001% NH ₄ ⁺ < 0.0003%	Heavy metals (Pb) < 0.0002% Fe < 0.0001%	SUAC-25A-1K0	 1 L	



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SULFURIC ACID 91% FOR GERBER METHOD				AGR	BASICHEM	reference	packaging		price	
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%		SUAC-90A-1K0		1 L		
						SUAC-90A-5K0		5 L		
SULFURIC ACID 95-98%					EPR	BASICHEM	reference	packaging	price	
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%			SUAC-00T-1K0			1 L		
						SUAC-00T-2K5		2,5 L		
						SUAC-00T-5K0		5 L		
SULFURIC ACID 95-98%					AGR	BASICHEM	reference	packaging	price	
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%		SUAC-95A-1K0		1 L		
						SUAC-95A-2K5		2,5 L		
SULFURIC ACID 95-97%					AGR	ISO	BASICHEM	reference	packaging	price
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%		SUAC-61A-1K0		1 L		
						SUAC-61A-2K5		2,5 L		
						SUAC-61A-P04		4x2,5 L		
SULFURIC ACID 98%					AGR	BASICHEM	reference	packaging	price	
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%		SUAC-00A-1K0		1 L		

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



SULFURIC ACID, VOLUMETRIC SOLUTION 0.05 M (0.1 N) VSA		BASICHEM	reference	packaging	price
Concentration (M) 0.04995 - 0.05005M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.00005M Tolerance (N) 0.0001N		SUAC-01V-1K0	 1 L	
SULFURIC ACID, VOLUMETRIC SOLUTION 0.5 M (1.0 N) VSA		BASICHEM	reference	packaging	price
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.999 - 1.001N	Tolerance (M) 0.0005M Tolerance (N) 0.001N		SUAC-1V0-1K0	 1 L	
SULFURIC ACID, VOLUMETRIC SOLUTION 1.0 M (2.0 N) VSA		BASICHEM	reference	packaging	price
Concentration (M) 0.999 - 1.001M Concentration (N) 1.998 - 2.002N	Tolerance (M) 0.001M Tolerance (N) 0.002N		SUAC-2V0-1K0	 1 L	



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



GRADES, FAMILIES and PACKAGING information on p. 320

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



SULFURIC ACID, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.5 M (1 N) VSA	BASICHEM	reference	packaging		price
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		1 amp.	

SUPPLEMENTS FOR CULTURE MEDIA *SEE P. 39*

L(+)-TARTARIC ACID

MW: 150,08 CAS: 87-69-4 EC: 201-766-0



L(+)-TARTARIC ACID AGR	BASICHEM	reference	packaging		price
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-LOA-500		500 g	

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



TETRACHLOROETHYLENE 99.9% GLR	BASICHEM	reference	packaging		price
Assay > 99.9% App. Colourless/clear liquid Colour (Hazen) < 15 H ₂ O < 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		1 L	
		TTCE-M0P-5K0		5 L	
		TTCE-M0P-25K		25 L	

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



TETRAHYDROFURAN 99.5% GLR	BASICHEM	reference	packaging		price
App. Colourless clear liquid Colour (Hazen) < 10 H ₂ O < 0.05%	Assay > 99.5% Density at 20°C 0.886 - 0.889g/ml	TETR-G0P-1K0		1 L	
		TETR-M0P-5K0		5 L	
		TETR-M0P-25K		25 L	
TETRAHYDROFURAN HPLC GGR	INSTRUKEM	reference	packaging		price
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%	TETR-0GH-2K5		2,5 L	
		TETR-0GH-P04		4 x 2,5 L	

THYMOL BLUE *SEE P. 386*



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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



TIN (II) CHLORIDE DIHYDRATE AGR	BASICHEM	reference	packaging		price
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		100 g	

TIN, GRANULATED

MW: 118,71 CAS: 7440-31-5 EC: 231-141-8

Sn

TIN, GRANULATED AGR	BASICHEM	reference	packaging		price
Assay > 99% As < 0.04% Cu < 0.02% Fe < 0.01% Pb < 0.05% Sb < 0.04%		TIMT-G0A-250		250 g	

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



TOLUENE GLR	BASICHEM	reference	packaging		price
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		1 L	
		TOLN-M0P-5K0		5 L	
		TOLN-M0P-25K		25 L	
TOLUENE AGR ACS, ISO, PH. EUR.	BASICHEM	reference	packaging		price
Assay > 99.5% Non-Vol. Mat. < 0.001% H ₂ O < 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 ₂ SO ₄		TOLN-00A-1K0		1 L	
		TOLN-00A-2K5		2,5 L	
		TOLN-00A-P04		4x2,5 L	
TOLUENE HPLC GGR	INSTRUKEM	reference	packaging		price
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%		TOLN-0GH-2K5		2,5 L	
		TOLN-0GH-P04		4x2,5 L	

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



TRICHLOROACETIC ACID 99% AGR ACS	BASICHEM	reference	packaging		price
Assay > 99% Freezing point > 56°C Insol. matter < 0.005% NO ₃ < 0.002% Cl ⁻ < 0.002% Subs. dark. by H ₂ SO ₄ Passes test PO ₄ < 0.0005% SO ₄ < 0.02%		TRCH-00A-500		500 g	

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



TRIETHYLAMINE 99.5% AGR	BASICHEM		reference	packaging		price
Assay > 99.5% Colour (Hazen) < 15APHA H ₂ O < 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	 500 ml	

UREA

MW: 60,06 CAS: 57-13-6 EC: 200-315-5



UREA EPR PH.EUR.			BASICHEM	reference	packaging		price
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		500 g		
			UREA-00P-1K0		1 kg		
UREA AGR ACS, BP, USP			BASICHEM	reference	packaging		price
App. White granules/crystal. powder Assay > 99% Melt. range 131 - 134°C Solub. in H ₂ O < 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		500 g		

VANILLIN 99.9%

MW: 152,15 CAS: 121-33-5 EC: 204-465-2



VANILLIN 99.9% AGR	BASICHEM		reference	packaging		price
Assay > 99.9%	Melt. range 81 - 83°C	Insol. (EtOH) < 0.01%	Ash (SO ₄) < 0.01%	VANI-00A-100	 100 g	

VASELINE, LIQUID

CAS: 8042-47-5 EC: 232-455-8

VASELINE, LIQUID AUX PH.EUR.	BASICHEM		reference	packaging		price
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-POP-1K0	 1 L		

WATER

MW: 18.02 CAS: 7732-18-5 EC: 231-791-2



WATER EPR PH.EUR.		BASICHEM	reference	packaging		price
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		5 L	
			WATR-00P-20K		20 L	
			WATR-00P-25K		25 L	
Accesory for bag-in-box tap			WATR-TAP-001			



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WATER ULTRAPURE AGR				BASICHEM	reference	packaging		price	
H₂O-LF < 1µS/cm* *At the bottling time UV filtrated 0.4µm Non-Vol. Mat. < 0.0001% Cl⁻ < 0.000005% F < 0.000005% NO₃⁻ < 0.000001% PO₄⁻ < 0.000001% SiO₂ < 0.000001% SO₄⁻ < 0.00001% Ag < 0.00000004% Al < 0.0000002% As < 0.0000002% Au < 0.0000001% B < 0.0000005% Ba < 0.0000001% Be < 0.0000002% Bi < 0.0000001% Ca < 0.0000005% Cd < 0.0000001% Co < 0.0000001% 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 < 0.0000001% 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			
WATER GC / HPLC GGR				INSTRUKEM	reference	packaging		price	
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 G4.45	2,5 L			
					WATR-00H-P04	G G4.45	4x2,5 L		
					WATR-00H-4K0	G G3.38	4 L		
					WATR-00H-PG4	G G3.38	4x4 L		
WATER LC/MS LGR				INSTRUKEM	reference	packaging		price	
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 G4.45	2,5 L			
					WATR-LCM-P04	G G4.45	4x2,5 L		

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

C₆H₄(CH₃)₂



XYLENE (ISOMERS) GLR				BASICHEM	reference	packaging		price
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%					XYLN-POP-1K0	P COEX	1 L	
					XYLN-GOP-1K0	G PF28	1 L	
					XYLN-POP-5K0	P COEX	5 L	
					XYLN-MOP-25K	M	25 L	
XYLENE (ISOMERS) AGR ACS, ISO, PH.EUR.				BASICHEM	reference	packaging		price
Assay > 99% Non-Vol. Mat. < 0.001% H ₂ O < 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%					XYLN-G0A-1K0	G GL45	1 L	
					XYLN-G0A-2K5	G GL45	2,5 L	
					XYLN-G0A-P04	G GL45	4x2,5 L	

YEAST EXTRACT *SEE P. 44*

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



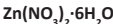
ZINC CHLORIDE ANHYDROUS EPR	BASICKEM	reference	packaging	price
Assay > 98% Oxychlorides (ZnO) < 2.4% Na+K+Ca < 1% Fe < 0.002% Cu < 0.002% Pb < 0.002% Cd < 0.001%		ZNCH-00P-500	P 500 g	
		ZNCH-00P-1K0	P 1 kg	

CINC CLORURO ANHIDRO AGR	BASICKEM	reference	packaging	price
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%		ZNCH-00A-250	P 250 g	

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



ZINC NITRATE HEXAHYDRATE EPR	BASICKEM	reference	packaging	price
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	

ZINC NITRATE HEXAHYDRATE AGR ACS	BASICKEM	reference	packaging	price
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	

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



ZINC, POWDER AGR	BASICKEM	reference	packaging	price
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	

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



ZINC SHEET 100 X 30 X 0.8 MM GLR	BASICKEM	reference	packaging	price
Approx. dim. 100 x 30 x 0.8 mm		ZNMT-L01-010	10 un.	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

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



ZINC SULFATE HEPTAHYDRATE EPR PH.EUR., USP				BASICHEM	reference	packaging		price
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%	Cd < 0.005% Fe < 0.0005% K < 0.005%	Pb < 0.003% Na < 0.005%		ZNSU-7EP-500		500 g	
					ZNSU-7EP-1K0		1 kg	

ZINC SULFATE HEPTAHYDRATE AGR ACS, REAG.PH.EUR.				BASICHEM	reference	packaging		price
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		500 g	
					ZNSU-07A-1K0		1 kg	

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.com 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.com. 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.



INDICATORS FOR VOLUMETRIC TITRATIONS

BROMOCRESOL GREEN

MW: 698.04 CAS: 76-60-8 EC: 200-972-8



BROMOCRESOL GREEN IND ACS	BASICHEM	reference	packaging		price
Transition range pH 3.8 - 5.4 yellow to blue	Trans. range (ACS) Passes test Sensitivity Passes test	BRCR-G0D-005		5 g	

BROMOCRESOL GREEN, SOLUTION 0.04%

MW: 698.04 CAS: 76-60-8 EC: 200-972-8



BROMOCRESOL GREEN, SOLUTION 0.04% IND	BASICHEM	reference	packaging		price
Transition range pH 3.6 - 5.4 yellow to blue		BRCR-GSD-100		100 ml	

BROMOCRESOL PURPLE

MW: 540.22 CAS: 115-40-2 EC: 204-087-8



BROMOCRESOL PURPLE IND	BASICHEM	reference	packaging		price
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		5 g
			BRCR-P0D-025		25 g

BROMOPHENOL BLUE

MW: 669.96 CAS: 115-39-9 EC: 204-086-2



BROMOPHENOL BLUE IND ACS	BASICHEM	reference	packaging		price
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		5 g	
		BRPH-B0D-025		25 g	

BROMOPHENOL BLUE, SOLUTION 0.1%

MW: 669.96 CAS: 115-39-9 EC: 204-086-2



BROMOPHENOL BLUE, SOLUTION 0.1% IND	BASICHEM	reference	packaging		price
Transition range pH 3 - 4.6 yellow to blue		BRPH-BSD-100		100 ml	



BROMOTHYMOL BLUE

MW: 624.4 CAS: 76-59-5 EC: 200-971-2



BROMOTHYMOL BLUE IND ACS	BASICEM	reference	packaging		price
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		5 g	
		BRTH-B0D-025		25 g	

CONGO RED, C.I. 22120

MW: 696.65 CAS: 573-58-0 EC: 209-358-4 EC INDEX: 611-027-00-8



IMDG: 6.1 III UN 2811 ADR: 6.1 III UN 2811 (E) IATA: 6.1 III UN 2811



CONGO RED (C.I. 22120) MIC PH. EUR.	BASICEM	reference	packaging		price
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		25 g	

CRESOL RED

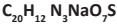
MW: 382.44 CAS: 1733-12-6 EC: 217-064-2



CRESOL RED IND	BASICEM	reference	packaging		price
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		25 g	

ERIOCHROME BLACK T, C.I. 14645

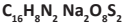
MW: 461.38 CAS: 1787-61-7 EC: 217-250-3



ERIOCHROME BLACK T (C.I. 14645) IND	BASICEM	reference	packaging		price
Suit. as indicator for met. titration Passes test Abs. Max. (pH 10) 612 - 616nm	Loss on dry. < 7%	ERIO-T0D-025		25 g	
		ERIO-T0D-100		100 g	

INDIGO CARMINE, C.I. 73015

MW: 466,36 CAS: 860-22-0 EC: 212-728-8



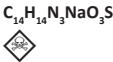
INDIGO CARMINE (C.I. 73015) IND USP, NF	BASICEM	reference	packaging		price
Assay > 80% Transition range pH 11.4 - 13 blue to yellow Abs. max. (H ₂ O) 608 - 612nm	Sp. abs. (A ₁ %; 1cm; λ _{max} : 0.001% H ₂ O) 380 - 475nm Loss on dry. (105 °C) < 10% Suit. for microb. Passes test	INCA-00D-025		25 g	



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



METHYL ORANGE (C.I. 13025) IND ACS	BASICEM	reference	packaging	price
Transition range pH 3.1 - 4.4	Transition Red to yellow-orange	MTOR-00D-100	100 g	

METHYL ORANGE, SOLUTION 0.04%

MW: 327,34 CAS: 547-58-0 EC: 208-925-4

IMDG: 3 III UN 1993



METHYL ORANGE, SOLUTION 0.04% IND	BASICEM	reference	packaging	price
Transition range pH 3.1 - 4.4 Nueva linea Pink-orangx10-yellow	Sensitivity Passes test	MTOR-S0D-250	250 ml	

METHYL RED, C.I. 13020

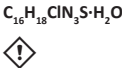
MW: 269,31 CAS: 493-52-7 EC: 207-776-1



METHYL RED (C.I. 13020) IND ACS	BASICEM	reference	packaging	price
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	25 g	
		MTRE-00D-100	100 g	

METHYLENE BLUE, C.I. 52015

MW: 319.85 CAS: 122965-43-9 EC: 200-515-2



METHYLENE BLUE (C.I. 52015) IND	BASICEM	reference	packaging	price
App. Red-brown powder Assay > 82% Loss on dry. 8 - 16%	Abs. max. (H ₂ O) 663 - 667nm Sp. abs. (A ₁ %; 1cm; H ₂ O) > 2200 Coef. max. of abs. (P*15 nm) 1.21 - 1.7	TLC test Passes test	MEBL-00D-100	100 g

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



1,10-PHENANTHROLINE MONOHYDRATE IND	BASICEM	reference	packaging	price
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	5 g	



PHENOL RED

MW: 354,38 CAS: 143-74-8 EC: 205-609-7

$C_{19}H_{14}O_5$

PHENOL RED IND ACS	BASICKEM	reference	packaging		price
Transition range pH 6.4 - 8.2	Transition yellow to red	PHRE-00D-005		5 g	

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
App. A white / almost white powder Assay 98.0 - 101.0% Identification Conforms Loss on dry. < 0.5% Ash (SO ₃) < 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		100 g
			PHEN-00D-250		250 g

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
Transition range pH 8 - 10 colourless to red-violet	Concentration 0.194 - 0.2006% Sensitivity Passes test	PHEN-S02-125		125 ml	
PHENOLPHTALEIN, SOLUTION 1% IN METHANOL IND	BASICKEM	reference	packaging		price
Transition range pH 8 - 10 colourless to red-violet	Concentration 0.97 - 1.03% Sensitivity Passes test	PHEN-S10-125		125 ml	

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
Assay 4.9 - 5.1% For chloride determination according Mohr.	Density at 18°C 1.0394g/ml pH 8.5 - 10	POCH-50D-250		250 ml	
POTASSIUM CHROMATE SOLUTION 10% W/V IND	BASICKEM	reference	packaging		price
App. Yellow liquid Assay 9.9 - 10.1%	pH 8.5 - 10 Density at 18°C 1.0821g/ml	POCH-10D-250		250 ml	

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

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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

POTASSIUM CHROMATE *SEE P. 359*

STARCH

MW: (162,1)n CAS: 9005-84-9 EC: 232-686-4



STARCH 1% IND		BASICKEM	reference	packaging	price
Assay 0.9 - 1.1% pH 5 - 7.5			STAR-10I-250	 250 ml	

THYMOL BLUE

MW: 466,60 CAS: 76-61-9 EC: 200-973-4



THYMOL BLUE IND ACS	BASICKEM	reference	reference	price
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	 5 g	
		THBL-00D-025	 25 g	

THYMOL BLUE, SOLUTION 0.04%

MW: 466,60 CAS: 76-61-9 EC: 200-973-5

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230



THYMOL BLUE, SOLUTION 0.04% IND	BASICKEM	reference	packaging	price
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-SOD-100	 100 ml	

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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



STANDARD SOLUTIONS FOR AAS AND ICP

STANDARD SOLUTIONS FOR SPECTROMETRY (AAS), STD

Standard solutions for atomic absorption spectrometry (AAS). Single element standard solutions of 1000,0 µg/ml in water or 2% to 5% nitric acid solution. See detailed information in www.labbox.com

reference	description	dangerous goods	packaging	price
AABS-BN1-500	B - 1000 µg/ml (5,719 g H ₃ BO ₃ / 1L H ₂ O)	-	 500 ml	
AABS-CA1-500	Ca - 1000 µg/ml (5,892 g Ca(NO ₃) ₂ ·4H ₂ O / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	
AABS-CP1-500	Cu - 1000 µg/ml (5,802 g Cu(NO ₃) ₂ ·3H ₂ O / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	
AABS-FE1-500	Fe - 1000 µg/ml (7,234 g Fe(NO ₃) ₃ ·9H ₂ O / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	
AABS-HG1-500	Hg - 1000 µg/ml (1,708 g Hg(NO ₃) ₂ ·H ₂ O / 1L 2%-5% HNO ₃)	8 (6.1) II UN 2922	 500 ml	
AABS-KA1-500	K - 1000 µg/ml (2,586 g KNO ₃ / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	
AABS-MG1-500	Mg - 1000 µg/ml (10,547 g Mg(NO ₃) ₂ ·6H ₂ O / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	
AABS-PB1-500	Pb - 1000 µg/ml (1,599 g Pb(NO ₃) ₂ / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	
AABS-SU1-500	S - 1000 µg/ml (3,059 g H ₃ BO ₃ / 1L H ₂ O)	-	 500 ml	
AABS-YT1-500	Y - 1000 µg/ml (4,31 g Y(NO ₃) ₃ ·6H ₂ O / 1L 2%-5% HNO ₃)	8 III UN 3264	 500 ml	

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STANDARD SOLUTIONS FOR SPECTROMETRY (ICP), STD

Standard solutions for inductively coupled plasma spectrometry (ICP). Single element standard solutions of 1000,0 µg/ml in water, 2% to 5% nitric acid solution or 10% to 20% hydrochloric acid solutions. impurities of the order of ppb, see detailed information in www.labbox.com

reference	description	dangerous goods	packaging	price
ICPS-AL1-100	Al - 1000 µg/ml (1 g Al / 1L 2%-5% HNO ₃)	8 III UN 3264	 100 ml	
ICPS-MN1-100	Mn - 1000 µg/ml (1 g Mn / 1L 2%-5% HNO ₃)	8 III UN 3264	 100 ml	
ICPS-PH1-100	P - 1000 µg/ml (4,393 g KH ₂ PO ₄ / 1L H ₂ O)	-	 100 ml	
ICPS-SB1-100	Sb - 1000 µg/ml (1 g Sb / 1L 10%-20% HCl)	8 II UN 1789	 100 ml	
ICPS-SN1-100	Sn - 1000 µg/ml (1 g Sn / 1L 10%-20% HCl)	8 II UN 1789	 100 ml	
ICPS-YT1-100	Y - 1000 µg/ml (1,27 g Y ₂ O ₃ / 1L 2%-5% HNO ₃)	8 III UN 3264	 100 ml	
ICPS-ZN1-100	Zn - 1000 µg/ml (1 g Zn / 1L 2%-5% HNO ₃)	8 III UN 3264	 100 ml	

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