



 **POCH**

 **LAB-SCAN**
analytical sciences

CHEMICAL REAGENTS

INTRODUCTION

The laboratory reagents offered by **Labscan**, are characterized by the highest quality improved for over 60 years of the company existence. In order to provide high quality of the offered assortment, our products are subject to unique technological regime, both during manufacturing and filling. These processes conform to **ISO 9001** Quality System Certificate and **ISO 14001** Environment Management System.

QUALITY POLICY

Quality

Providing the highest quality products thus giving maximum satisfaction to all Customers of the Company owing to utilization of products is the basic task executed in the Company. All products offered to the customers are submitted to complete control before approving them for trade turnover. Conformity with the standards and requirements of our Customers is controlled. The Company runs continuous verification of suppliers who cooperate with it. The production processes are monitored. Quality assurance, to the large extent, is obtained owing to qualified personnel of the Company. We understand quality as a value that our Customers expected from us. The most important tool to reach this assumption is the implemented Quality Assurance System, certified for the first time in 1998. The system, amended according to the guidelines of **ISO 9001:2000** Standard, is maintained and permanently improved. This facts is acknowledged by audits accomplished by the certifying body and by Customers as well as the Certificate obtained several times. In order to meet expectations of our Customers, based on the Quality Management System, the Internal Control System has been implemented and certified, which applies to sale of goods of strategic meaning.



Environment

Our company, as a manufacturer and provider of chemical reagents and purified chemicals, striving to balance the development and appreciating the meaning of ecological issues, has implemented the Environmental Management System, which conforms to the requirements of **ISO 14001** Standard. All decisions made within our business activities consider environmental issues. Observing legal requirements related with the environment has been assumed as the minimum requirement. Our Company runs all production processes according to the environment protection regulations. Thus, our production departments utilize many devices reducing pollution, which might penetrate to air, soil and sewage. By-products, which due to their composition are of technological value, after preliminary processing are returned to production cycle, other ones are utilized to a form which do not pose hazard to the environment.



Safety at work

In POCH S. A., a company that manufactures chemicals, importance is attached to provide our employees with proper working conditions. In order to do that, we implement the Safety at Work Management System, which conforms to the guidelines of **PN-N-18001** Standard.



CHEMICAL REAGENTS

All chemical substances or their mixes destined for laboratory work, mostly for chemical analyses are commonly called chemical reagents. Chemical reagents, except the main application in chemical analysis, are also used for performing scientific and research works, for preparation works and as raw materials for manufacturing other substances in a small way.

CHEMICAL REAGENTS P.A.

(SELECTED PRODUCTS)

QUALITY SPECIFICATIONS (SELECTED PARAMETERS)

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLA00023X	1,4-DIOXAN P.A.	-	-	-
PLA00027X	1,5-DIPHENYLCARBAZIDE P.A.	white or pink, crystalline powder	-	-
PLA00026X	1,5-DIPHENYLCARBAZONE P.A.	orange, crystalline powder	min. 40 max. 50	-
PLA00047X	2,2' - BIPYRIDYL P.A.	white with slightly yellow shade crystalline powder	min. 99,5 max. 101	-
PLA00048X	2,3,5-TRIPHENYLTETRAZOLIUM CHLORIDE P.A.	-	min. 98	-
PLA00083X	4-DIMETHYLAMINOBENZALDEHYDE P.A.	white or yellow crystals or powder	-	-
PLA00840X	ACETIC ANHYDRIDE (ACS) P.A.	colourless, clear liquid	min. 98	-
PLA00474X	ALUMINIUM NITRATE NONAHYDRATE P.A.	colourless crystals	min. 98,5 max. 101	max. 0,01
PLA00485X	ALUMINIUM OXIDE CALCINATED P.A.	white, crystalline powder	min. 98,5	-
PLA00116X	AMMONIA SOLUTION 25 % P.A.	colourless, clear liquid	min. 24 max. 28	-
PLA00138X	AMMONIUM ACETATE P.A.	colourless crystals	min. 97 max. 100	max. 0,0025
PLA00124X	AMMONIUM CHLORIDE P.A.	white, crystalline powder	min. 99,5	max. 0,005
PLA00147X	AMMONIUM HYDROGEN DIFLUORIDE P.A.	colourless crystals	min. 95	-
PLA00152X	AMMONIUM IRON(III) SULFATE DODECAHYDRATE P.A.	pa;e violet, transparent crystals	min. 98 max. 101	max. 0,01
PLA00134X	AMMONIUM MOLYBDATE TETRAHYDRATE P.A.	colourless or light green crystals	min. 99	-
PLA00135X	AMMONIUM MONOVANADATE P.A.	-	min. 99,5	-
PLA00121X	AMMONIUM NITRATE P.A.	-	min. 99	max. 0,005

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLA00137X	AMMONIUM PERSULFATE P.A.	colourless crystals or slightly yellow powder	min. 98	max. 0,01
PLA00142X	AMMONIUM SULFATE P.A.	colourless r white crystals	min. 98,5	max. 0,005
PLA00183X	BARIUM CHLORIDE DIHYDRATE P.A.	white crystals	min. 99	max. 0,01
PLA01354X	CALCIUM CARBONATE PRECIPITATED P.A.	white powder	min. 99	-
PLA01339X	CALCIUM CHLORIDE ANHYDROUS P.A.	white-grey, porous pieces	min. 97	-
PLA01338X	CALCIUM CHLORIDE HEXAHYDRATE P.A.	colourless hygroscopic crystals	min. 98,5	max. 0,005
PLA01355X	CALCIUM HYDROGEN PHOSPHATE DIHYDRATE P.A.	white powder	min. 99 max. 101	-
PLA01357X	CALCIUM HYDROXIDE P.A.	white or slightly grey, fine, crystalline powder	min. 96	-
PLA01334X	CALCIUM NITRATE TETRAHYDRATE P.A.	colourless, hygroscopic crystals	min. 99	max. 0,005
PLA01353X	CALCIUM OXIDE P.A.	white, pale-yellow or grey powder	min. 98	-
PLA00264X	CHLORAMINE T TRIHYDRATE P.A.	-	min. 99	-
PLA00549X	COBALT(II) NITRATE HEXAHYDRATE P.A.	red to brownish crystalline powder	min. 99	max. 0,005
PLA00774X	COPPER(I) CHLORIDE P.A.	grey-white powder	min. 97	-
PLA00785X	COPPER(II) SULFATE ANHYDROUS P.A.	grayish-white amorphous powder	min. 98	max. 0,01
PLA00338X	DI-AMMONIUM OXALATE MONOHYDRATE P.A.	colourless crystals	min. 99,5	max. 0,005
PLA00346X	DICHLOROMETHANE (ACS) P.A.	colourless, clear liquid	min. 99,5	-
PLA00371X	DI-POTASSIUM HYDROGEN PHOSPHATE P.A.	colourless crystals or crystalline powder	min. 99	max. 0,01
PLA00385X	DI-SODIUM HYDROGEN PHOSPHATE ANHYDROUS P.A.	white powder	min. 99	max. 0,01
PLA00384X	DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE P.A.	white crystals or crystalline powder	min. 99 max. 101	max. 0,005
PLA00383X	DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE P.A.	colourless crystals or crystalline powder	min. 99 max. 102	max. 0,005

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLA00375X	DI-SODIUM OXALATE P.A.	white, crystalline powder	min. 99,5	-
PLA00380X	DISODIUM VERSEDATE DIHYDRATE P.A.	white, crystalline powder	min. 98,5	max. 0,02
PLA00409X	ETHANOLAMINE P.A.	colourless or light-yellow liquid	min. 99 max. 100,5	-
PLA00423X	ETHYL ALCOHOL 96% P.A.	colourless, clear liquid	min. 96	-
PLA00424X	ETHYL ALCOHOL ABSOLUT 99,8% P.A.	colourless, clear liquid	min. 99,8	-
PLA00470X	ETHYLENE GLYCOL P.A.	colourless, oily	min. 99	-
PLA00447X	FORMALDEHYDE 36-38% STAB.METHANOL (ACS) P.A.	colourless	min. 36 max. 38	-
PLA00461X	GLYCEROL ANHYDROUS P.A.	colourless liquid	min. 99,5 max. 100	-
PLA01365X	HYDROGEN PEROXIDE 30% P.A.	colourless, clear liquid	min. 29 max. 33	-
PLA00517X	IODINE CRYST. (ACS) P.A.	dark-violet crystals with metallic lustre	min. 99,8	-
PLA01376X	IRON(III) CHLORIDE HEXAHYDRATE P.A.	brown-yellow, hygroscopic lumps or granule	min. 97 max. 102	-
PLA01383X	IRON(III) SULFATE HYDRATE P.A.	-	~ 75	max. 0,025
PLA00507X	ISOAMYL ALCOHOL P.A.	colourless, clear liquid	min. 99	-
PLA00867X	LEAD(II) ACETATE TRIHYDRATE (ACS) P.A.	colourless or white crystals	min. 99,5 max. 103	-
PLA00863X	LEAD(II) NITRATE P.A.	white crystals or white, crystalline powder	min. 99	-
PLA00740X	MAGNESIUM CHLORIDE HEXAHYDRATE P.A.	colourless crystals	min. 99	max. 0,005
PLA00738X	MAGNESIUM NITRATE HEXAHYDRATE P.A.	colourless crystals	min. 99	max. 0,005
PLA00747X	MAGNESIUM SULFATE ANHYDROUS P.A.	white powder	min. 98,5	min. 0,01
PLA00746X	MAGNESIUM SULFATE HEPTAHYDRATE P.A.	colourless crystals	min. 99 max. 100,5	max. 0,005
PLA00757X	MANGANESE(II) CHLORIDE TETRAHYDRATE P.A.	slightly pink crystalline powder	min. 98,5	max. 0,005

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLA00758X	MANGANESE(II) SULFATE MONOHYDRATE (ACS) P.A.	pale pink crystals or crystalline powder	min. 99 max 101	max. 0,01
PLA00810X	N,N-DIMETHYLANILINE P.A.	pale yellow, oily liquid	min. 99,5	-
PLA00830X	NINHYDRIN P.A.	-	-	passes test
PLA00432X	PHENOL P.A.	colourless or pink crystals or mass	min. 99	-
PLA00436X	PHENYLHYDRAZINE HYDROCHLORIDE P.A.	colourless or pale cream crystals or powder	min. 99	passes test
PLA00979X	POTASSIUM BROMIDE P.A.	white, crystalline powder	min. 99,5	max. 0,005
PLA01024X	POTASSIUM CARBONATE ANHYDROUS P.A.	white powder	min. 99	max. 0,01
PLA00984X	POTASSIUM CHLORIDE P.A.	white, crystalline powder	min. 99,5	max. 0,005
PLA00992X	POTASSIUM DIHYDROGEN PHOSPHATE P.A.	colourless crystals	min. 99,5	max. 0,01
PLA00994X	POTASSIUM FLUORIDE ANHYDROUS P.A.	colourless or white crystalline powder	min. 99	max. 0,01
PLA01027X	POTASSIUM HYDROGEN PHTHALATE P.A.	white, crystalline powder	min. 99,5	max. 0,005
PLA01028X	POTASSIUM HYDROGEN SULFATE P.A.	colourless, transparent crystals	min. 96	-
PLA01033X	POTASSIUM HYDROXIDE P.A.	white or nearly white granules or flakes	min. 85	-
PLA01003X	POTASSIUM IODATE P.A.	white, crystalline powder	min. 99,8	max. 0,005
PLA01006X	POTASSIUM IODIDE P.A.	colourless crystals or white powder	min. 99,5	max. 0,005
PLA00976X	POTASSIUM NITRATE P.A.	white, fine crystalline powder	min. 99	max. 0,005
PLA01009X	POTASSIUM PERMANGANATE (ACS) P.A.	dark-violet crystals	min. 99	max. 0,1
PLA01014X	POTASSIUM PYROSULFITE P.A.	white, crystalline powder	min. 96	max.0,005
PLA01019X	POTASSIUM SODIUM TARTRATE TETRAHYDRATE P.A.	colourless crystals or white powder	min. 99 max. 102	max. 0,005
PLA01017X	POTASSIUM SULFATE P.A.	white or colourless, transparent crystals	min. 99	max. 0,01

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLA00561X	SILICON DIOXIDE P.A.	white, crystalline powder	min. 96,5	-
PLA01242X	SILVER NITRATE P.A.	colourless white crystals, white powder	min 99,9	max. 0,005
PLA01254X	SILVER SULFATE P.A.	white crystals, white powder	min. 99,8	-
PLA01182X	SODIUM ACETATE TRIHYDRATE (ACS) P.A.	small white crystals	min. 99	max. 0,005
PLA01209X	SODIUM CARBONATE ANHYDROUS P.A.	white, crystalline powder	min. 99,8	max. 0,01
PLA01208X	SODIUM CARBONATE DECAHYDRATE P.A.	colourless crystals	min. 99,8	max. 0,003
PLA01145X	SODIUM CHLORIDE P.A.	colourless crystals or white, crystalline powder	min. 99,9	max. 0,005
PLA01158X	SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS P.A.	white powder	min. 99	max. 0,005
PLA01157X	SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE P.A.	colourless, fine crystals or white powder	min. 99	max. 0,005
PLA01156X	SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE P.A.	colourless, fine crystals or white powder	min. 99	max. 0,005
PLA01160X	SODIUM FLUORIDE P.A.	white, crystalline powder	min. 99	max. 0,005
PLA01233X	SODIUM HYDROGEN CARBONATE P.A.	white, crystalline powder	min. 99,5 max. 101	max. 0,01
PLA01211X	SODIUM HYDROGEN SELENITE P.A.	white or pale yellowish crystals or powder	min. 52 (Se)	-
PLA02473X	SODIUM HYDROXIDE MICROPILLS P.A.	white, homogenous microgranules	min. 98,8	-
PLA01168X	SODIUM IODIDE P.A.	colourless crystals	min. 99	max. 0,005
PLA01174X	SODIUM MOLYBDATE DIHYDRATE P.A.	colourless crystals or crystalline powder	min. 99,5	max. 0,005
PLA01136X	SODIUM NITRATE P.A.	white, fine crystalline powder	min. 99,5	max. 0,005

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLA01181X	SODIUM NITROPRUSSIDE DIHYDRATE (ACS) P.A.	dark-red crystals	min. 99	max. 0,005
PLA01194X	SODIUM SALICYLATE P.A.	-	min. 99	-
PLA01200X	SODIUM SULFATE ANHYDROUS P.A.	white, hygroscopic powder	min. 99	max. 0,01
PLA01190X	SODIUM SULFITE ANHYDROUS P.A.	white powder	min. 96	max. 0,01
PLA01205X	SODIUM THIOSULFATE PENTAHYDRATE (ACS) P.A.	colourless crystals	min. 99,5	max. 0,005
PLA01124X	STARCH SOLUBLE P.A.	white slightly cream-coloured fine powder	-	-
PLA01283X	TETRA-SODIUM PYROPHOSPHATE DECAHYDRATE (ACS) P.A.	colourless or white crystals	min. 99 max. 101	max. 0,01
PLA01304X	TRIETHANOLOAMINE P.A.	colourless liquid darkened on storage	min. 99	-
PLA01306X	TRIETHYLAMINE ANHYDROUS P.A.	-	99,5	-
PLA01311X	TRIS(HYDROXYMETHYL)AMINOMETHANE P.A.	-	min. 99	-
PLA01312X	TRI-SODIUM CITRATE DIHYDRATE (ACS) P.A.	white or colourless, transparent crystals	min. 99	max. 0,005
PLA01313X	TRI-SODIUM PHOSPHATE DODECAHYDRATE P.A.	colourless crystals	min. 98	max. 0,01
PLA00791X	UREA P.A.	fine, colourless crystals	min. 99,5	max. 0,01
PLA01330X	UROTOPINE /HEXAMETHYLENETETRAMINE/ P.A.	colourless crystals or white powder	min. 99	max.0,002
PLA00292X	ZINC CHLORIDE ANHYDROUS P.A.	white powder	min. 98	-
PLA00298X	ZINC SULFATE HEPTAHYDRATE (ACS) P.A.	colourless crystals or white powder	min. 99,5 max. 100,5	max. 0,005



CHEMICAL REAGENTS PURE (SELECTED PRODUCTS)

QUALITY SPECIFICATIONS (SELECTED PARAMETERS)

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLG00048X	2,3,5-TRIPHENYLTETRAZOLIUM CHLORIDE PURE	-	min. 98	-
PLG00091X	ACETANILIDE PURE	colourless crystals	min. 98,5	-
PLG00485X	ALUMINIUM OXIDE CALCINATED PURE	white, crystalline powder	min. 96	max. 0,75
PLG00121X	AMMONIUM NITRATE PURE	white, crystalline powder	min. 99	max. 0,01
PLG00160X	ANILINE HYDROCHLORIDE PURE	white crystals or yellowish or grey powder	min. 98,5	max. 0,05

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLG00183X	BARIUM CHLORIDE DIHYDRATE PURE	white crystals	min. 99 max. 102	-
PLG00197X	BENZALDEHYDE PURE	-	min. 98	-
PLG00242X	BROMOETHANE PURE	colourless liquid	min. 98	-
PLG00278X	CHROMIUM(VI) OXIDE PURE	brown-red or violet crystals or flakes	min. 98,5	max. 0,01
PLG00556X	COLLODION 4% PURE	-	min. 3,8 max. 4,2	-
PLG00785X	COPPER(II) SULFATE ANHYDROUS PURE	greish-white amorphous powder	min. 97,5	max. 0,02
PLG00346X	DICHLOROMETHANE PURE	colourless, clear liquid	min. 99	-
PLG00380X	DISODIUM VERSENATE DIHYDRATE PURE	white, crystalline powder	min. 98,5 max. 100,5	max. 0,02
PLG00409X	ETHANOLAMINE PURE	colourless or light-yellow liquid	min. 98 max. 107	-
PLG00423X	ETHYL ALCOHOL 96% PURE	colourless, clear liquid	min. 96	-
PLG00424X	ETHYL ALCOHOL ABSOLUT 99,8% PURE	colourless, clear liquid	min. 99,8	-
PLG02474X	ETHYLENEDIAMMONIUM SULFATE PURE	-	min. 98	-
PLG00447X	FORMALDEHYDE 36-38% STAB.METHANOL PURE	colourless, clear liquid	min. 36 max. 38	-
PLG00461X	GLYCEROL ANHYDROUS PURE	colourless liquid	min. 97,5 max. 101	-
PLG00499X	HYDRAZINE HYDRATE SOLUTION 40% PURE	colourless or yellowish liquid	min. 38 max. 42	-
PLG01365X	HYDROGEN PEROXIDE 30% PURE	colourless, clear liquid	min. 28 max. 33	-
PLG00517X	IODINE CRYST. PURE	dark-violet crystals with metallic lustre	min. 99,5	-
PLG00507X	ISOAMYL ALCOHOL PURE	colourless, clear liquid	min. 98,5	-
PLG00740X	MAGNESIUM CHLORIDE HEXAHYDRATE PURE	colourless crystals	min. 98	max. 0,01

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLG00747X	MAGNESIUM SULFATE ANHYDROUS PURE	white powder	min. 98	max. 0,02
PLG00757X	MANGANESE(II) CHLORIDE TETRAHYDRATE PURE	pale pink crystalline powder	min. 98	max. 0,01
PLG00810X	N,N-DIMETHYLANILINE PURE	pale yellow, oily liquid	min. 98	-
PLG00826X	NICKEL(II) CHLORIDE HEXAHYDRATE PURE	greek, crystalline powder	min. 97	-
PLG00992X	POTASSIUM DIHYDROGEN PHOSPHATE PURE	colourless crystals	min. 98	max. 0,02
PLG00997X	POTASSIUM HEXACHLOROPLATINATE(IV) PURE	yellow or orange-yellow crystals or powder	min. 39,8	-
PLG01033X	POTASSIUM HYDROXIDE PURE	white or nearly white granules or flakes	min. 85	-
PLG01006X	POTASSIUM IODIDE PURE	colourless crystals	min. 99	max. 0,02
PLG01009X	POTASSIUM PERMANGANATE PURE	dark-violet crystals	min. 99	max. 1
PLG01019X	POTASSIUM SODIUM TARTRATE TETRAHYDRATE PURE	colourless crystals or white powder	min. 98,5 max. 103	max. 0,01
PLG01253X	SILVER ACETATE PURE	white crystals or crystalline powder	min. 99	-
PLG01244X	SILVER BROMIDE PURE	pale yellow powder	min. 99	-
PLG01245X	SILVER CHLORIDE PURE	white amorphous powder	min. 99	max. 0,02
PLG01242X	SILVER NITRATE PURE	colourless white crystals, white powder	min. 99	max. 0,01
PLG01209X	SODIUM CARBONATE ANHYDROUS PURE	white, crystalline powder	min. 99,5	max. 0,02
PLG01145X	SODIUM CHLORIDE PURE	colourless crystals or white, crystalline powder	min. 99,8	max. 0,01
PLG01160X	SODIUM FLUORIDE PURE	white, crystalline powder	min. 98,5 max. 102	max. 0,025
PLG02473X	SODIUM HYDROXIDE MICROGRANULAR PURE	white, homogenous microgranules	min. 98	-

Product number	Product name	Appearance	Assay [%]	Substances insoluble in water [%]
PLG01200X	SODIUM SULFATE ANHYDROUS PURE	colourless, crystalline powder	min. 99	max. 0,02
PLG01190X	SODIUM SULFITE ANHYDROUS PURE	white powder	min. 91	max. 0,02
PLG01124X	STARCH SOLUBLE PURE	white or slightly cream-coloured fine powder	-	-
PLG01283X	TETRA-SODIUM PYROPHOSPHATE DECAHYDRATE PURE	colourless or white crystals	min. 98,5 max. 102	max. 0,02
PLG01304X	TRIETHANOLAMINE PURE	colourless liquid darkened on storage	min. 98	-
PLG00298X	ZINC SULFATE HEPTAHYDRATE PURE	colourless crystals or white powder	min. 99 max. 100,5	max. 0,02



POCH S.A.
ul. Sowińskiego 11
44-101 Gliwice
Poland

Tel. +48 32 239 22 13
Fax +48 32 239 24 87
e-mail: export@poch.com.pl
www.labscan.eu
www.poch.com.pl

visit us online at
www.labscan.eu