



 **POCH**

 **LAB-SCAN**  
analytical sciences

CONCENTRATED VOLUMETRIC & VOLUMETRIC SOLUTIONS

## 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.



## CONCENTRATED VOLUMETRIC SOLUTIONS

Concentrated volumetric solution is a specified quantity of pure substance (in a form of weighed solid substance or precisely measured volume of solution closed in a vial) destined for preparing standard volumetric solution. After opening the vial, pour it by volume into a measurement flask of given volume and after filling with water up to a line, we obtain a solution of requested concentration. The concentrated volumetric solution offered by our company feature with comfortable usable form, they are easy to apply as well as they can be easily stored due to small dimensions.

Product number	Product name	Tolerance
PLV00140X	AMMONIUM THIOCYANATE 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01493X	di-SODIUM OXALATE 0,05 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00378X	di-SODIUM WERSENATE 0,05 MOL/L CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00688X	HYDROCHLORIC ACID 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01544X	HYDROCHLORIC ACID 0,2 MOL/L (0,2 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01673X	HYDROCHLORIC ACID 1 MOL/L (1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00516X	IODINE 0,05 MOL/L (0,1N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00579X	NITRIC ACID 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00705X	OXALIC ACID 0,05 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00989X	POTASSIUM DICHROMATE 1/60 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01029X	POTASSIUM HYDROXIDE 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01004X	POTASSIUM IODATE-IODIDE 0,05 MOL/L I <sub>2</sub> (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01005X	POTASSIUM IODIDE 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01008X	POTASSIUM PERMANGANATE 0,02 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-2%
PLV01463X	SILVER NITRATE 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01219X	SODIUM HYDROXIDE 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV01464X	SODIUM THIOSULFATE 0,1 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%
PLV00672X	SULFURIC ACID 0,05 MOL/L (0,1 N) CONCENTRATED VOLUMETRIC SOLUTION	+/-0,2%

**\*SELECTED PRODUCTS**

## VOLUMETRIC SOLUTIONS

Volumetric solutions play the significant role in all titrimetric methods of analysis. These solutions should be of appropriate properties, methods of their preparation and expressing concentrations should also be known (known molar concentration of the given substance or known titre). Ready made volumetric solutions offered by our company allow saving time and analysts' reagents necessary to prepare a solution and to determine its titre. Volumetric solutions in Cubitainer® type package are especially convenient usable form. Indispensable solution to accomplish analysis, of titre guaranteed by our Company, is poured out of package using a tap, which fact facilitates dosing and reduces contamination risk.



Product number	Product name	Tolerance
PLS01411X	ETHYLENEDIAMINETETRAACETIC ACID DISODIUM SALT VOLUMETRIC SOLUTION 0,05 MOL/L	+/-2%
PLS01412X	ETHYLENEDIAMINETETRAACETIC ACID DISODIUM SALT VOLUMETRIC SOLUTION 0,01 MOL/L	+/-0,2%
PLS01424X	HYAMINE <sup>®</sup> 1622-VOLUMETRIC SOLUTION 0,004 MOL/L	+/-2,5%
PLS00689X	HYDROCHLORIC ACID VOLUMETRIC SOLUTION 0,1 MOL/L (0,1 N)	+/-0,2%
PLS00691X	HYDROCHLORIC ACID VOLUMETRIC SOLUTION 0,5 MOL/L (0,5 N)	+/-0,2%
PLS00692X	HYDROCHLORIC ACID VOLUMETRIC SOLUTION 1 MOL/L (1 N)	+/-0,2%
PLS01425X	POTASSIUM CHLORIDE VOLUMETRIC SOLUTION 3 MOL/L	+/-0,2%
PLS01416X	POTASSIUM PERMANGANATE VOLUMETRIC SOLUTION 0,02 MOL/L	+/-0,2%
PLS01440X	SILVER NITRATE VOLUMETRIC SOLUTION 0,02 MOL/L (0,02N)	+/-2%
PLS01241X	SILVER NITRATE VOLUMETRIC SOLUTION 0,1 MOL/L (0,1N)	+/-0,2%
PLS01220X	SODIUM HYDROXIDE VOLUMETRIC SOLUTION 0,1 MOL/L (0,1 N)	+/-0,2%
PLS01221X	SODIUM HYDROXIDE VOLUMETRIC SOLUTION 0,25 MOL/L (0,25 N)	+/-0,2%
PLS01222X	SODIUM HYDROXIDE VOLUMETRIC SOLUTION 0,5 MOL/L (0,5 N)	+/-0,2%
PLS01223X	SODIUM HYDROXIDE VOLUMETRIC SOLUTION 1 MOL/L (1 N)	+/-0,2%
PLS01413X	SODIUM THIOSULFATE VOLUMETRIC SOLUTION 0,1 MOL/L	+/-0,2%
PLS00673X	SULFURIC ACID VOLUMETRIC SOLUTION 0,05 MOL/L (0,1 N)	+/-0,2%
PLS00676X	SULFURIC ACID VOLUMETRIC SOLUTION 0,5 MOL/L (1 N)	+/-0,2%
PLS00677X	SULFURIC ACID VOLUMETRIC SOLUTION 1 MOL/L (2 N)	+/-0,2%

**\*SELECTED PRODUCTS**



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