POCH

LAB-SCAN
analytical sciences

ACIDS

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.

POLSKIE CENTRUM BADAŃ I CERTYFIKACJI S.A.
02-699 Warszawa, ul. Kłobucka 23A

CERTIFICATE OF MANAGEMENT SYSTEM
No. W – 4/2/2006

This is to certify that:

POCH Spółka Akcyjna
ul. Sowińskiego 11
44-101 GLIWICE

in the following scope of activities:

international trade in chemical goods
including chemical reagents
and refined chemicals
observing the Criteria of
Internal Control System (WSK*)

is in conformance with the Criteria of WSK*.

The audit carried out by the Polish Centre for Testing and Certification has afforded evidence of the above.

The certificate holds good if the supplier observes the requirements of the above mentioned Criteria and of the Contract No. 1423/H/1/2006.

This certificate is valid:
from 2006-12-18 to 2009-12-09
First certification date: 2003-12-05

DIRECTOR
for Testing and Certification
TADEUSZ GLAZER

Warsaw, 2006-12-18
* Criteria of WSK approved for use on 11th of January 2001

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.

ACIDS

When talking about acids, we think about their aqueous solutions. There are a few theories related with acids. According to Arrhenius – they are compounds, which in water reactions dissociate to oxonium cation and acid radical anion. Acids divide into oxyacids and hydracids as well as to strong ones, which dissociate completely in water solutions, for example, HCl and weak ones, which do not completely dissociate in water solutions, for example, H_3PO_4.

ACIDS P.A. (SELECTED PRODUCTS)

QUALITY SPECIFICATIONS (SELECTED PARAMETERS)

Product number	Product name	Appearance	Assay [%]	Residue on ignition [%]
PLA00575X	5-SULFOSALICYLIC ACID DIHYDRATE P.A.	-	min. 98	-
PLA00652X	ACETIC ACID 80% P.A.	colourless, clear liquid	min. 78,5 max. 80	-
PLA00654X	ACETIC ACID MIN. 99,5% P.A.	colourless, clear liquid	min. 99,5	-
PLA00590X	BORIC ACID P.A.	colourless crystals or white, crystalline powder	min. 99,5	-
PLA00601X	CITRIC ACID MONOHYDRATE P.A.	fine, colourless crystals or white powder	min. 99,5	max. 0,005
PLA00702X	HYDROCHLORIC ACID 37% P.A.	colourless, clear liquid	min. 37	max. 0,001
PLA00698X	HYDROCHLORIC ACID 35-38% P.A.	colourless, clear liquid	min. 35 max. 38	max. 0,001
PLA00609X	HYDROFLUORIC ACID 40% P.A.	colourless, clear liquid	min. 39 max. 41	max. 0,005
PLA00631X	L(+)-ASCORBIC ACID (ACS,PH EUR) P.A.	white or nearly white, crystalline powder or colourless crystals darkened on light	min. 99 max. 100	max. 0,1
PLA00630X	L(+)-TARTARIC ACID (ACS) P.A.	colourless crystals	min. 99,5	max. 0,01
PLA00586X	NITRIC ACID 65% P.A.	colourless or slightly yellow, clear liquid	min. 65	max. 0,002
PLA00660X	ORTHO-PHOSPHORIC ACID 85% P.A.	colourless, clear, syrupy liquid	min. 84,5 max. 87	-
PLA00706X	OXALIC ACID DIHYDRATE (ACS) P.A.	colourless crystals	min. 99,5	max. 0,01
PLA00647X	PERCHLORIC ACID 60% P.A.	-	min. 60	-
PLA00616X	PHTHALIC ACID P.A.	white, crystalline powder	min. 99,5	max. 0,01
PLA00687X	SULFURIC ACID MIN.95% P.A.	colourless, clear, oily liquid	min. 95	max. 0,001
PLA00708X	TRICHLORACETIC ACID P.A.	-	min. 98	-

ACIDS PURE (SELECTED PRODUCTS)

QUALITY SPECIFICATIONS (SELECTED PARAMETERS)

Product number	Product name	Appearance	Assay [%]	Residue on ignition [%]
PLG00652X	ACETIC ACID 80% PURE	colourless, clear liquid	min. 78,5 max. 80	-
PLG00590X	BORIC ACID PURE	colourless crystals or white, crystalline powder	min. 99	-
PLG00607X	FLUOROBORIC ACID 40% PURE	colourless, clear liquid	min. 38 max 42	-
PLG01802X	HYDROCHLORIC ACID 18% PURE	colourless or light-yellow, clear liquid	min. 18	max. 0,002
PLG00698X	HYDROCHLORIC ACID 35-38% PURE	colourless, clear liquid	min. 35 max. 38	max. 0,002
PLG00586X	NITRIC ACID 65% PURE	colourless or slightly yellow, clear liquid	min. 65	max. 0,005
PLG00660X	ORTHO-PHOSPHORIC ACID 85% PURE	colourless, clear, syrupy liquid	min. 84,5	-
PLG00616X	PHTHALIC ACID PURE	white, crystallime powder	min. 99	max. 0,02
PLG00682X	SULFURIC ACID 69% PURE	colourless, oily liquid	min. 68 max. 70	max. 0,005
PLG00683X	SULFURIC ACID 91% PURE	colourless, clear liquid	min. 90 max. 92	max. 0,005
PLG00687X	SULFURIC ACID MIN.95% PURE	colourless, clear, oily	min. 95	max. 0,005

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