

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Orthophosphoric Acid 85 % Extra Pure

Catalog Number : A-2013

Batch Number : 2013-00000000

CAS Number : 7664-38-2

Molecular Weight : 98.00 g/mol

Mol. Formula : H_3PO_4

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Clear colorless viscous liquid	Clear colorless viscous liquid
2	Assay (Acidimetric)	84.0-90.0 %	85.51%
3	Wt. Per ml at 20 °C	About 1.71 g/cm ³	1.698 g/cm ³
4	Appearance of solution	to comply the test	complies
5	Identification	to comply the test	complies
6	Solubility	to comply the test	complies
7	Substances precipitated by NH_3	to comply the test	complies
8	Hypophosphorous acid and phosphorous acid	to comply the test	complies
9	Alkali phosphate	to comply the test	complies
10	Aluminium and calcium (Al, Ca)	to comply the test	complies
11	Chloride (Cl)	max 0.005 %	0.0071%
12	Sulphate (SO_4)	max 0.01 %	0.005%
13	Arsenic (As)	max 0.0002 %	0.00006%
14	Iron (Fe)	max 0.005 %	0.0007%
15	Heavy metal (as Pb)	max 0.001 %	0.00041%

Corresponds to Extr Pure Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC