

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Phosphoric Acid 75 % Technical Grade

Catalog Number : A-2029

Batch Number : 2029-00000000

CAS Number : 7664-38-2

Molecular Weight : 98.00 g/mol

MoL. Formula : H<sub>3</sub>PO<sub>4</sub>

Expire Date : 24 months

**SAMPLE**

No	Test	Specifications	Results
1	Appearance	a clear colorless viscous liquid	a clear colorless viscous liquid
2	Assay ( as H <sub>3</sub> PO <sub>4</sub> , acidimetric )	74.0 - 76.0 %	75.668 %
3	Color	max 20 Hazen	<10 Hazen
4	Density at 20 °C	1.574 - 1.580 g/cm <sup>3</sup>	1.5796 g/cm <sup>3</sup>
5	Sulphate (as SO <sub>4</sub> )	max 250 ppm	60 ppm
6	Chloride (as Cl)	max 25 ppm	5 ppm
7	Iron (Fe)	max 10 ppm	6 ppm
8	Arsenic (As)	max 2 ppm	0.2 ppm
9	Fluorine (F)	max 10 ppm	4 ppm
10	Heavy metals (as Pb)	max 5 ppm	0.2 ppm
11	Cadmium (Cd)	max 3 ppm	0.1 ppm

Corresponds to Technical Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.  
Manager QC