

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-14 11:16:45

Date of Next Testing: 2029-05-13 11:16:45

Product Name: **Phosphoric acid**

CAS Number: 7664-38-2

Specifications & Purity: ACS, ≥85 wt. % in H₂O

Lot #: G2121165

SKU #: **P112027**

Version: **0**

Analysis #: **508737**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Antimony(Sb)	0-0.002 (%)	0.00100 %
Volatile acids(as CH ₃ COOH)	0-0.001 (%)	0.00040 %
Iron(Fe)	0-0.003 (ppm)	0.00100 ppm
Sodium(Na)	0-0.025 (%)	0.01000 %
(As)Arsenic	0-1 (ppm)	1.00000 ppm
Color scale	0-10 (APHA)	4.00000 APHA
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00200 %
Manganese(Mn)	0-0.5 (ppm)	0.20000 ppm
Chloride (Cl ⁻)	0-3 (ppm)	1.00000 ppm
Calcium(Ca)	0-0.002 (μg/mg)	0.00100 μg/mg
Heavy metal (as Pb)	0-0.001 (%)	0.00030 %
Magnesium(Mg)	0-0.002 (%)	0.00100 %
Potassium(K)	0-0.005 (%)	0.00200 %
Insoluble matter in H ₂ O	0-0.001 (%)	0.00050 %
(NO ₃)Nitrate	0-5 (ppm)	2.00000 ppm
Assay	85-100 (%)	86.20000 %
Reducing Substances	pass	Pass
Solvent(H ₂ O)	Conform	Conform



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager