

Certificate of Analysis

Date of Testing: 2025-05-20 16:13:03

Date of Next Testing: 2029-05-19 16:13:03

Product Name: **Phosphoric acid**

CAS Number: 7664-38-2

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

Lot #: E2507642

SKU #: **P112024**

Version: **10**

Analysis #: **513217**

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00300 %
Potassium(K)	0-0.005 (%)	0.00007 %
Cadmium(Cd)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00030 %
Copper(Cu)	0-5 (ppm)	0.20000 ppm
Manganese(Mn)	0-0.00005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.000000 %
Sodium(Na)	0-0.05 (%)	0.00060 %
Color test (APHA)	0-25	25.00000
Zinc(Zn)	0-0.001 (%)	0.00010 %
Nickel(Ni)	0-0.0005 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.0003 (%)	0.00030 %
Assay	85-100 (%)	85.59000 %
(NO ₃)Nitrate	0-0.0005 (%)	0.00050 %
Reducing substances (As H ₃ P ₀₃)	0-0.01 (%)	0.00790 %
Volatile acid	0-0.0002 (mmol/g)	0.00020 mmol/g
(As)Arsenic	0-0.00005 (%)	0.00005 %
Solvent(H ₂ O)	Conform	Conform
Appearance (P112024)	Colorless Liquid	Colorless liquid



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

John Su
QA & QC Manager