

Certificate of Analysis

Date of Testing: 2024-07-26 09:31:00

Date of Next Testing: 2028-07-25 09:31:00

Product Name: **Phosphoric acid**

CAS Number: 7664-38-2

Specifications & Purity: ≥ 85 wt. % in H₂O

Lot #: G2417698

SKU #: **P112026**

Version: **9**

Analysis #: **393000**

Parameter	Limit Values	Result
Reducing substances (As H ₃ P ₀₃)	0-0.005 (%)	0.00400 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.025 (%)	0.00030 %
Potassium(K)	0-0.003 (%)	0.00000 %
Color test (APHA)	0-10	10.00000
Nickel(Ni)	0-0.0003 (%)	0.00000 ppm
Sulfate(SO ₄₂₋)	0-0.001 (%)	0.00100 %
Lead(Pb)	0-0.0005 (%)	0.000000 %
Manganese(Mn)	0-0.0002 (%)	0.00000 %
Assay	85-100 (%)	85.65000 %
(NO ₃)Nitrate	0-0.0003 (%)	0.00030 %
Chloride (Cl ⁻)	0-0.0002 (%)	0.00020 %
Cadmium(Cd)	0-0.0003 (%)	0.00000 %
Copper(Cu)	0-3 (ppm)	0.00000 ppm
(As)Arsenic	0-0.00005 (%)	0.00000 %
Volatile acid	0-0.0002 (mmol/g)	0.00020 mmol/g
Appearance(P112026)	Colorless Liquid	Colorless liquid



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager