

Certificate of Analysis

Date of Testing: 2024-01-20 15:20:31
Date of Next Testing: 2028-01-19 15:20:31
Product Name: **Phosphoric acid**
CAS Number: 7664-38-2
Specifications & Purity: ≥ 85 wt. % in H₂O
Lot #: A2408475
SKU #: **P112026**
Analysis: **317860**

Parameter	Limit Values	Result
Reducing substances (As H ₃ P ₀₃)	0-0.005 (%)	0.00370 %
Iron(Fe)	0-0.001 (%)	0.00100 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.025 (%)	0.00020 %
Potassium(K)	0-0.003 (%)	0.00000 %
Color test (APHA)	0-10	10.00000
Nickel(Ni)	0-0.0003 (%)	0.00000 ppm
Sulfate(SO ₄ ²⁻)	0-0.001 (%)	0.00100 %
Volatile acid	0-0.0002 (%)	0.00020 mmol/g
Lead(Pb)	0-0.0005 (%)	0.000000 %
Manganese(Mn)	0-0.0002 (%)	0.00000 %
Assay	85-100 (%)	85.47000 %
(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 (%)	0.00005 %
Appearance(P112026)	Colorless Liquid	Colorless liquid



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager