

Certificate of Analysis

Date of Testing: 2024-07-25 17:32:48
Date of Next Testing: 2028-07-24 17:32:48
Product Name: **Phosphoric acid**
CAS Number: 7664-38-2
Specifications & Purity: Analytical Reagent, ≥85 wt. % in H₂O
Lot #: G2417259
SKU #: **P112024**
Version: **10**
Analysis #: **392820**

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00300 %
Potassium(K)	0-0.005 (%)	0.00002 %
Cadmium(Cd)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00002 %
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-0.00005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.000000 %
Sodium(Na)	0-0.05 (%)	0.00530 %
Color test (APHA)	0-25	25.00000
Zinc(Zn)	0-0.001 (%)	0.00000 %
Nickel(Ni)	0-0.0005 (%)	0.00000 ppm
Chloride (Cl ⁻)	0-0.0003 (%)	0.00030 %
Assay	85-100 (%)	85.64000 %
(NO ₃)Nitrate	0-0.0005 (%)	0.00050 %
Reducing substances (As H ₃ P ₀₃)	0-0.01 (%)	0.00480 %
Volatile acid	0-0.0002 (mmol/g)	0.00020 mmol/g
(As)Arsenic	0-0.00005 (%)	0.00000 %
Appearance (P112024)	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