

Certificate of Analysis

Date of Testing:	2024-05-23 10:17:06
Date of Next Testing:	2028-05-22 10:17:06
Product Name:	Phosphoric acid
CAS Number:	7664-38-2
Specifications & Purity:	Analytical Reagent, ≥85 wt. % in H ₂ O
Lot #:	E2411080
SKU #	P112024
Version	9
Analysis #:	361244

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00300 %
Potassium(K)	0-0.005 (%)	0.00010 %
Cadmium(Cd)	0-0.0005 (%)	0.00000 %
Volatile acid	0-0.0002 (%)	0.00020 mmol/g
Iron(Fe)	0-0.002 (%)	0.00200 %
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 (%)	0.00810 %
(As)Arsenic	0-0.00005 (%)	0.00005 %
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 (%)	85.73000 %
(NO ₃)Nitrate	0-0.0005 (%)	0.00050 %
Reducing substances (As H ₃ P ₀₃)	0-0.01 (%)	0.00810 %
Appearance (P112024)	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