

Certificate of Analysis

Date of Testing:	2022-06-24 15:02:29
Date of Next Testing:	2026-06-23 15:02:29
Product Name:	Phosphoric acid
CAS Number:	7664-38-2
Specifications & Purity:	Analytical Reagent, ≥85 wt. % in H ₂ O
Lot #:	F2220113
SKU #	P112024
Analysis:	105784

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Cadmium(Cd)	≤5 (ppm)	3.99 ppm
Volatile acid	0-0.0002 (mmol/g)	0.00 mmol/g
Iron(Fe)	0-0.002 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Manganese(Mn)	0-0.0002 (%)	0.00 %
Lead(Pb)	0-10 (ppm)	7.23 ppm
Sodium(Na)	0-0.05 (%)	0.03 %
(As)Arsenic	≤0.5 (ppm)	0.36 ppm
Color scale	0-25 (APHA)	23.12 APHA
Zinc(Zn)	0-0.001 (%)	0.00 %
Nickel(Ni)	0-0.0005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.0003 (%)	0.00 %
Purity (Titration by NaOH)	85-100 (%)	86.07 %
(NO ₃)Nitrate	0-0.0002 (%)	0.00 %
Reducing substances (As H ₃ P ₀₃)	0-0.01 (%)	0.00756 %
Appearance (P112024)	Colorless liquid	Colorless liquid



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager