

Certificate of Analysis

Date of Testing: 2022-10-10 18:55:37
Date of Next Testing: 2026-10-09 18:55:37
Product Name: **Phosphoric acid**
CAS Number: 7664-38-2
Specifications & Purity: Analytical Reagent, ≥85 wt. % in H₂O
Lot #: I2226150
SKU #: **P112024**
Analysis: 132767

| Parameter | Limit Values | Result |
|--|------------------|------------------|
| Sulfate(SO ₄ ²⁻) | 0-0.003 (%) | 0.00300 % |
| Potassium(K) | 0-0.005 (%) | 0.00000 % |
| 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) | 0-0.0002 (%) | 0.00000 % |
| Lead(Pb) | 0-0.001 (%) | 0.000000 % |
| Sodium(Na) | 0-0.05 (%) | 0.00590 % |
| (As)Arsenic | 0-0.00005 (%) | 0.00005 % |
| Color test (APHA) | 0-25 | 10.00000 |
| 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 (%) | 0.00610 % |
| 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