

Certificate of Analysis

Date of Testing: 2022-01-18 14:16:10
Date of Next Testing: 2026-01-17 14:16:10
Product Name: **Phosphoric acid**
CAS Number: 7664-38-2
Specifications & Purity: Guaranteed Reagent, ≥85 wt. % in H₂O
Lot #: A2211649
SKU #: **P112026**
Analysis: **096464**

| Parameter | Limit Values | Result |
|---|-------------------|------------------|
| Reducing Substances | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| Zinc(Zn) | 0-0.0005 (%) | 0.00 % |
| Sodium(Na) | 0-0.025 (%) | 0.00 % |
| Potassium(K) | 0-0.003 (%) | 0.00 % |
| Color test (APHA) | 0-10 (APHA) | 5.00 APHA |
| Nickel(Ni) | 0-0.0003 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.001 (%) | 0.00 % |
| Volatile acid | 0-0.0002 (mmol/g) | 0.00 mmol/g |
| (Pb)Lead | 0-0.0005 (%) | 0.00 % |
| Manganese(Mn) | 0-0.0002 (%) | 0.00 % |
| Assay | 85-100 (%) | 92.95 % |
| (NO ₃)Nitrate | 0-0.0003 (%) | 0.00 % |
| Chloride (Cl ⁻) | 0-0.0002 (%) | 0.00 % |
| Cadmium(Cd) | 0-0.0003 (%) | 0.00 % |
| Copper(Cu) | 0-0.0003 (%) | 0.00 % |
| (As)Arsenic | 0-0.5 (ppm) | 0.00 ppm |
| Appearance(P112026) | 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