

Certificate of Analysis

Date of Testing: 2024-05-10 10:38:35
Date of Next Testing: 2028-05-09 10:38:35
Product Name: **Phosphoric acid**
CAS Number: 7664-38-2
Specifications & Purity: ≥ 85 wt. % in H₂O
Lot #: D2418633
SKU #: **P112026**
Version: **9**
Analysis #: **356140**

| Parameter | Limit Values | Result |
|----------------------------------------------------------|------------------|------------------|
| Reducing substances (As H ₃ P ₀₃) | 0-0.005 (%) | 0.00330 % |
| Iron(Fe) | 0-0.001 (%) | 0.00100 % |
| Zinc(Zn) | 0-0.0005 (%) | 0.00000 % |
| Sodium(Na) | 0-0.025 (%) | 0.00040 % |
| Potassium(K) | 0-0.003 (%) | 0.00010 % |
| Color test (APHA) | 0-10 | 10.00000 |
| Nickel(Ni) | 0-0.0003 (%) | 0.00010 % |
| Sulfate(SO ₄ ²⁻) | 0-0.001 (%) | 0.00100 % |
| Volatile acid | 0-0.0002 (%) | 0.00020 mmol/g |
| Lead(Pb) | 0-0.0005 (%) | 0.000000 % |
| Manganese(Mn) | 0-0.0002 (%) | 0.00005 % |
| Assay | 85-100 (%) | 85.27000 % |
| (NO ₃)Nitrate | 0-0.0003 (%) | 0.00030 % |
| Chloride (Cl ⁻) | 0-0.0002 (%) | 0.00020 % |
| Cadmium(Cd) | 0-0.0003 (%) | 0.00000 % |
| Copper(Cu) | 0-3 (ppm) | 0.00000 ppm |
| (As)Arsenic | 0-0.00005 (%) | 0.00005 % |
| Appearance(P112026) | Colorless Liquid | Colorless liquid |



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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