

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-10 11:55:22
 Date of Next Testing: 2026-02-09 11:55:22
 Product Name: **Ammonium phosphate monobasic**
 CAS Number: 7722-76-1
 Specifications & Purity: $\geq 99.99\%$ metals basis
 Lot #: B2208024
 SKU #: **A111772**
Analysis: 067733

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| (NO ₃)Nitrate | 0-0.001 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 2.50 ppm |
| Total Metallic Impuritie | 0-100 (ppm) | 21.00 ppm |
| Calcium(Ca) | 0-0.001 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.0005 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.01 (%) | 0.01 % |
| Potassium(K) | 0-0.005 (%) | 0.00 % |
| Sodium(Na) | 0-0.005 (%) | 0.00 % |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%) | 100.00 % |
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| Chloride (Cl ⁻) | 0-5 (ppm) | 2.52 ppm |
| PH at 25°C(5% in water) | 3.8-4.4 | 4.29 |
| Purity (Titration by NaOH) | 99-100 (%) | 99.20 % |
| Appearance (A111772) | White crystals | White crystals |
| ICP: Confirms Phosphorus Component | Confirmed | Confirmed |
| Solubility in H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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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