

Certificate of Analysis

Date of Testing: 2023-11-17 11:26:03

Date of Next Testing: 2027-11-16 11:26:03

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

Specifications & Purity: ≥99.99% metals basis

Lot #: K2313113

SKU #: **A111772**

Analysis: 228284

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| (NO3)Nitrate | 0-0.001 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 1.05 ppm |
| Total Metallic Impuritie | 0-100 (ppm) | 0.00 ppm |
| Calcium(Ca) | 0-0.001 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.0005 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.01 (%) | 0.00 % |
| 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) | 1.08 ppm |
| PH at 25°C(5% in water) | 3.8-4.4 | 4.32 |
| Purity (Titration by NaOH) | 99-100 (%) | 99.48 % |
| Appearance (A111772) | White crystals | White crystals |
| ICP: Confirms Phosphorus Component | Confirmed | Confirmed |
| Solubility in H2O , Colorless,Clear,100 mg/mL, H2O | 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".

John Su
QA & QC Manager