

## Certificate of Analysis

Date of Testing: 2025-02-24 13:50:36

Date of Next Testing: 2029-02-23 13:50:36

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: B2520211

SKU #: **A111772**

Version: **0**

Analysis #: **455008**

| Parameter                                                                    | Limit Values          | Result                |
|------------------------------------------------------------------------------|-----------------------|-----------------------|
| (NO <sub>3</sub> )Nitrate                                                    | 0-0.001 (%)           | 0.00 %                |
| Heavy metal (as Pb)                                                          | 0-5 (ppm)             | 0.00 ppm              |
| Total Metallic Impuritie                                                     | 0-100 (ppm)           | 1.00 ppm              |
| Calcium(Ca)                                                                  | 0-0.001 (%)           | 0.00 %                |
| Magnesium(Mg)                                                                | 0-0.0005 (%)          | 0.00 %                |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                                      | 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 %              |
| Purity (Titration by NaOH)                                                   | 99-100 (%)            | 99.93 %               |
| Iron(Fe)                                                                     | 0-0.001 (%)           | 0.00 %                |
| Chloride (Cl <sup>-</sup> )                                                  | 0-5 (ppm)             | 0.00 ppm              |
| PH at 25°C(5% in water)                                                      | 3.8-4.4               | 4.40                  |
| Appearance (A111772)                                                         | White crystals        | White crystals        |
| ICP: Confirms Phosphorus Component                                           | Confirmed             | Confirmed             |
| Solubility in H <sub>2</sub> O , Colorless,Clear,100 mg/mL, H <sub>2</sub> 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".

John Su  
QA & QC Manager