

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-27 11:04:43  
 Date of Next Testing: 2029-03-26 11:04:43  
 Product Name: **Ammonium phosphatedi basic**  
 CAS Number: 7783-28-0  
 Specifications & Purity: AR, ≥98.5%  
 Lot #: C2518252  
 SKU #: **A112553**  
 Version: **1**  
 Analysis #: **488394**  
 Storage Temperature: Room temperature

| Parameter                          | Limit Values                         | Result                               |
|------------------------------------|--------------------------------------|--------------------------------------|
| Potassium(K)                       | 0-0.003 (%)                          | 0.00000 %                            |
| PH(5% in water,25°C)               | 7.8-8.2                              | 8.00000                              |
| Heavy metal (as Pb)                | 0-0.0005 (%)                         | 0.00000 %                            |
| (As)Arsenic                        | 0-0.0005 (%)                         | 0.00000 %                            |
| Alkali metals(With phosphate plan) | 0-0.1 (%)                            | 0.01000 %                            |
| Insoluble matter in H2O            | 0-0.005 (%)                          | 0.00000 %                            |
| Sulfate(SO42-)                     | 0-0.15 (%)                           | 0.00000 %                            |
| Assay                              | 98.5-100.5 (%)                       | 99.99530 %                           |
| Chloride (Cl-)                     | 0-0.0005 (%)                         | 0.00000 %                            |
| Iron(Fe)                           | 0-0.0005 (%)                         | 0.00000 %                            |
| Sodium(Na)                         | 0-0.01 (%)                           | 0.00200 %                            |
| (NO3)Nitrate                       | 0-0.0005 (%)                         | 0.00000 %                            |
| Appearance (A112553)               | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Clarity of solution                | pass                                 | Pass                                 |
| Water solution reaction            | 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