

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-18 17:54:57  
 Date of Next Testing: 2026-07-17 17:54:57  
 Product Name: **Ammonium phosphate monobasic**  
 CAS Number: 7722-76-1  
 Specifications & Purity: anhydrous, ACS reagent, ≥98%  
 Lot #: G2313257  
 SKU #: **A433848**  
**Analysis: 253151**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102.5 (%)	99.61%
Insoluble matter: (10% in H <sub>2</sub> O)	0-0.005 (%)	0.00%
Loss on drying	0-1 (%)	0.01%
Chloride (Cl <sup>-</sup> )	0-5 (ppm)	0.25 ppm
Iron(Fe)	0-0.001(%)	0.00%
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-0.005 (%)	0.00%
Sodium(Na)	0-0.005 (%)	0.00%
Nitrate (NO <sub>3</sub> )	0-0.001 (%)	0.00040%
PH(5% in water, 25°C)	3.8-4.4	4.25
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.00%
Calcium(Ca)	0-0.001 (%)	0.00%
Magnesium(Mg)	0-5 (ppm)	0.21 ppm
Appearance(A433848)	White Powder or Crystals or Granules	White powder or crystals or granules
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager