

Certificate of Analysis

Date of Testing: 2025-01-18 11:19:27

Date of Next Testing: 2029-01-17 11:19:27

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

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

Lot #: A2510277

SKU #: **A111772**

Version: **0**

Analysis #: **455008**

Parameter	Limit Values	Result
(NO ₃)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 ₄ ²⁻)	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 ⁻)	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 ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager