

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-27 15:16:18
 Date of Next Testing: 2026-12-26 15:16:18
 Product Name: **Ammonium phosphate monobasic**
 CAS Number: 7722-76-1
 Specifications & Purity: $\geq 99.99\%$ metals basis
 Lot #: L2223010
 SKU #: **A111772**
Analysis: 166949

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.30 ppm
Calcium(Ca)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01 %
Potassium(K)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl ⁻)	0-5 (ppm)	2.20 ppm
PH at 25°C(5% in water)	3.8-4.4	4.14
Purity (Titration by NaOH)	99-100 (%)	99.17 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-100 (ppm)	99.00 ppm
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