

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-07-22 14:01:54
Date of Next Testing:	2028-07-21 14:01:54
Product Name:	Ammonium phosphate monobasic
CAS Number:	7722-76-1
Specifications & Purity:	≥99.99% metals basis
Lot #:	G2415043
SKU #	A111772
Version	0
Analysis #:	355919

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	1.40 ppm
Total Metallic Impuritie	0-100 (ppm)	29.00 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 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Purity (Titration by NaOH)	99-100 (%)	99.82 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl ⁻)	0-5 (ppm)	1.60 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