

Certificate of Analysis

Date of Testing: 2022-06-14 16:02:23

Date of Next Testing: 2026-06-13 16:02:23

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

Specifications & Purity: ≥99.99% metals basis

Lot #: F2210457

SKU #: **A111772**

Analysis: 083205

Parameter	Limit Values	Result
(NO3)Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.50 ppm
Total Metallic Impuritie	0-100 (ppm)	25.00 ppm
Calcium(Ca)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	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 (%)	99.51 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-5 (ppm)	1.80 ppm
PH at 25°C(5% in water)	3.8-4.4	4.39
Appearance (A111772)	White crystals	White crystals
ICP: Confirms Phosphorus Component	Confirmed	Confirmed
Solubility in H2O , Colorless,Clear,100 mg/mL, H2O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager