

Certificate of Analysis

Date of Testing: 2023-04-17 14:00:39

Date of Next Testing: 2027-04-16 14:00:39

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

Specifications & Purity: ≥99.99% metals basis

Lot #: D2312514

SKU #: **A111772**

Analysis: 204430

Parameter	Limit Values	Result
(NO3)Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	1.36 ppm
Total Metallic Impuritie	0-100 (ppm)	46.00 ppm
Calcium(Ca)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	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 (%)	99.92 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-5 (ppm)	1.06 ppm
PH at 25°C(5% in water)	3.8-4.4	4.01
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