

Certificate of Analysis

Date of Testing: 2023-01-06 09:52:56
Date of Next Testing: 2027-01-05 09:52:56
Product Name: **Ammonium phosphate monobasic**
CAS Number: 7722-76-1
Specifications & Purity: $\geq 99.99\%$ metals basis
Lot #: L2216058
SKU #: **A111772**
Analysis: **159828**

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	1.32 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 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl ⁻)	0-5 (ppm)	1.37 ppm
PH at 25°C(5% in water)	3.8-4.4	4.14
Total Metallic Impuritie	0-100 (ppm)	99.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Purity (Titration by NaOH)	99-100 (%)	99.81 %
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



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

John Su
QA & QC Manager