

Certificate of Analysis

Date of Testing: 2021-10-25 11:59:22
Date of Next Testing: 2025-10-24 11:59:22
Product Name: **Ammonium sulfate**
CAS Number: 7783-20-2
Specifications & Purity: $\geq 99.99\%$ metals basis
Lot #: J2122176
SKU #: **A112105**
Analysis: **044936**

Parameter	Limit Values	Result
Insoluble matter	0-0.005 (%)	0.01 %
Iron(Fe)	0-5 (ppm)	4.32 ppm
Total Metallic Impuritie	0-100 (ppm)	60.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
PH	5-6	5.84
Heavy metal (as Pb)	0-5 (ppm)	4.00 ppm
Chloride	0-5 (ppm)	4.60 ppm
Phospate(PO4)	0-5 (ppm)	3.98 ppm
(NO3)Nitrate	0-0.001 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
Appearance (A112105)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager