

## Certificate of Analysis

Date of Testing: 2024-01-16 16:53:09  
Date of Next Testing: 2028-01-15 16:53:09  
Product Name: **Ammonium sulfate**  
CAS Number: 7783-20-2  
Specifications & Purity:  $\geq 99.99\%$  metals basis  
Lot #: A2411108  
SKU #: **A112105**  
Analysis: **315092**

Parameter	Limit Values	Result
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Total Metallic Impuritie	0-100 (ppm)	24.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	100.00 %
PH	5-6	5.80
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Chloride	0-5 (ppm)	0.00 ppm
Phospate(PO4)	0-5 (ppm)	0.00 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