

## Certificate of Analysis

Date of Testing: 2023-01-29 12:02:26  
Date of Next Testing: 2027-01-28 12:02:26  
Product Name: **Ammonium sulfate**  
CAS Number: 7783-20-2  
Specifications & Purity: ACS  
Lot #: A2314009  
SKU #: **A112099**  
Analysis: **180781**

Parameter	Limit Values	Result
(NO <sub>3</sub> )Nitrate	0-0.001 (%)	0.00 %
(PO <sub>4</sub> )Phosphate	0-5 (ppm)	2.00 ppm
PH(5% in water,25°C)	5-6	5.20
Chloride (Cl <sup>-</sup> )	0-5 (ppm)	3.01 ppm
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	1.89 ppm
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	2.00 ppm
Assay	99-100 (%)	100.00 %
Appearance (A112099)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals



John Su  
QA & QC Manager