

Certificate of Analysis

Date of Testing: 2024-12-17 11:11:22

Date of Next Testing: 2027-12-17 11:11:22

Product Name: **Ammonium sulfate**

CAS Number: 7783-20-2

Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure

Lot #: L2412459

SKU #: **A434065**

Version: **2**

Analysis #: **437441**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	99.5-102.5 (%)	100.35000 %
Insoluble matter in H ₂ O	0-0.001 (%)	0.00 %
PH (5%, water) 25 ° C	5-6	5.71
Chloride (Cl ⁻)	0-0.0003 (%)	0.00 %
Nitrate(NO ₃)	0-0.001 (%)	0.00000 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00000 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Arsenic(As)	0-0.00002 (%)	0.00000 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Cadmium(Cd)	0-0.0001 (%)	0.00 %
Copper(Cu)	0-0.0002 (%)	0.00 %
Iron(Fe)	0-0.0002 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.0002 (%)	0.00 %
Zinc(Zn)	0-0.0001 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
Aluminium(Al)	0-0.75 (ppm)	0.00000 ppm
Chromium(Cr)	0-0.75 (ppm)	0.00 ppm
Loss on drying(105°C)	0-0.1 (%)	0.05 %
Appearance(A434065)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	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