

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-15 13:48:11  
 Date of Next Testing: 2026-03-14 13:48:11  
 Product Name: **Ammonium sulfate**  
 CAS Number: 7783-20-2  
 Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,ISO,Reag. Ph Eur  
 Lot #: C2308544  
 SKU #: **A434065**  
**Analysis:** **187969**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	99.5-102.5 (%)	101.81000 %
Insoluble matter in H2O	0-0.001 (%)	0.00 %
PH (5%, water) 25 ° C	5-6	5.55
Chloride (Cl-)	0-0.0003 (%)	0.00 %
Phosphate(PO4)	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
Nitrate(NO3)	0-0.001 (%)	0.00000 %
Chromium(Cr)	0-0.75 (ppm)	0.00 ppm
Loss on drying(105°C)	0-0.1 (%)	0.10 %
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