

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-19 11:35:33
 Date of Next Testing: 2026-06-18 11:35:33
 Product Name: **Ammonium sulfate**
 CAS Number: 7783-20-2
 Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,ISO,Reag. Ph Eur
 Lot #: F2314499
 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 |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager