

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-11 16:45:16

Date of Next Testing: 2028-11-10 16:45:16

Product Name: **Ammonium sulfate**

CAS Number: 7783-20-2

Specifications & Purity: ACS

Lot #: K2401273

SKU #: **A112099**Version: **1**Analysis #: **435077**

| Parameter | Limit Values | Result |
|--------------------------------------|---------------------------------------|---------------------------------------|
| (NO ₃)Nitrate | 0-0.001 (%) | 0.00 % |
| (PO ₄)Phosphate | 0-5 (ppm) | 4.00 ppm |
| PH(5% in water,25°C) | 5-6 | 5.20 |
| Chloride (Cl ⁻) | 0-5 (ppm) | 3.00 ppm |
| Insoluble matter in H ₂ O | 0-0.005 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Ignition Residue (as sulfate) | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-5 (ppm) | 1.00 ppm |
| Assay | 99-102.5 (%) | 100.00 % |
| Appearance (A112099) | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |

John Su
QA & QC Manager