

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-25 08:42:41
 Date of Next Testing: 2029-05-24 08:42:41
 Product Name: **Ammonium sulfate**
 CAS Number: 7783-20-2
 Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure
 Lot #: GME2619091
 SKU #: **A774581**
 Version: **1**
 Analysis #: **711118**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	99.5-100.5 (%)	100.05000 %
Insoluble matter	0-0.005 (%)	0.00000 %
PH (5%, water) 25 ° C	5-6	5.44000
Chloride (Cl-)	0-0.0003 (%)	0.00000 %
Nitrate(NO3)	0-0.001 (%)	0.00000 %
Phosphate(PO4)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.0003 (%)	0.00000 %
Heavy metals(ACS)	0-0.0005 (%)	0.00000 %
Residue on Ignition(SO4)	0-0.005 (%)	0.00250 %
Loss on drying(105°C)	0-0.1 (%)	0.04000 %
Total Aerobic Microbial Count	0-1000 (cfu/g)	0.00000 cfu/g
Total yeast and mould count	0-10 (cfu/g)	0.00000 cfu/g
Endotoxins	0-2.5 (IU/g OR u/g)	0.00000 IU/g OR u/g
(As)Arsenic	0-0.00002 (%)	0.00000 %
Calcium(Ca)	0-0.001 (%)	0.00000 %
Cadmium(Cd)	0-0.0001 (%)	0.00000 %
Cobalt(Co)	0-0.0005 (%)	0.00000 %
Chromium(Cr)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0002 (%)	0.00005 %
Potassium(K)	0-0.005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Manganese(Mn)	0-0.0005 (%)	0.00007 %
Sodium(Na)	0-0.002 (%)	0.00014 %
Nickel(Ni)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.0002 (%)	0.00000 %

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Parameter	Limit Values	Result
Platinum(Pt)	≤ 0.0001 (%)	0.00000 %
Zinc(Zn)	0-0.0001 (%)	0.00000 %
Aluminium(Al)	0-0.75 (ppm)	0.00000 ppm
Appearance(A774581)	Colorless or white crystals or particles	Colorless or white crystals or particles
Solubility:Soluble in water but insoluble in ethanol	Pass	Pass
Identity(sulfates)	Passes test	Passes test
Identity(Ammonium)	passes test	Passes test
Identity(Sulfate)	passes test	Passes test
Residual solvents (ICH (Q3C))excluded by manufacturing process	pass	Pass
Salmonella species(Absent in 10 g)	Passes	passes
E.coli absent in 1g	Pass	Pass
Staphylococcus aureus (absent in 1 g)	passes test	Passes test
Pseudomonas aeruginosa (absent in 1 g)	passes test	Passes test
Candida albicans (absent in 1 g)	passes test	Passes test



John Su
QA & QC Manager