

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-11 11:52:56
 Date of Next Testing: 2028-11-10 11:52:56
 Product Name: **Aluminum nitrate nonahydrate**
 CAS Number: 7784-27-2
 Specifications & Purity: AR, ≥99%
 Lot #: K2405214
 SKU #: **A110781**
 Version: **1**
 Analysis #: **434607**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.003 (%)	0.00010 %
Iron(Fe)	0-0.002 (%)	0.00005 %
Heavy metals	0-0.0005 (%)	0.00003 %
Insoluble matter in H2O	0-0.01 (%)	0.00120 %
Purity(Compleximetric EDTA)	99.0-101.0 (%)	99.99640 %
PH (50g/L, 25°C)	2.5-4.0	3.08010
Clarity test (#)	0-3	0.99600
Chloride (Cl-)	0-0.001 (%)	0.00001 %
Ammonia (NH4)	0-0.02 (%)	0.00006 %
Sodium(Na)	0-0.01 (%)	0.00080 %
Magnesium(Mg)	0-0.001 (%)	0.00002 %
Potassium(K)	0-0.002 (%)	0.00020 %
Calcium(Ca)	0-0.005 (%)	0.00021 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(A110781)	White crystal	White crystal



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager