

## Certificate of Analysis

Date of Testing: 2024-07-13 15:11:14  
Date of Next Testing: 2028-07-12 15:11:14  
Product Name: **Aluminum nitrate nonahydrate**  
CAS Number: 7784-27-2  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: G2405091  
SKU #: **A110781**  
Version: **1**  
Analysis #: **383448**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.002 (%)	0.00 %
Heavy metals	0-0.0005 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.01 %
Purity(Complexiometric EDTA)	99.0-101.0 (%)	100.00 %
PH (50g/L, 25°C)	2.5-4.0	3.00000
Clarity test (#)	0-3	1.89
Chloride (Cl-)	0-0.001 (%)	0.00 %
Ammonia (NH4)	0-0.02 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(A110781)	White crystal	White crystal



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager