

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-24 15:56:55  
Date of Next Testing: 2030-04-23 15:56:55  
Product Name: **Ammonium citrate tribasic**  
CAS Number: 3458-72-8  
Specifications & Purity: AR, ≥98.5%  
Lot #: D2622210  
SKU #: **A116440**  
Version: **1**  
Analysis #: **664065**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.01 (%)	0.00240 %
Phosphate(PO4)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.03 (%)	0.00000 %
Chloride (Cl-)	0-0.003 (%)	0.00000 %
Assay	98.5-100 (%)	98.51000 %
Appearance (A116440)	White to Off-White Crystals	White to Off-White Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
oxalate (C2O42-)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Substances darkened by sulfuric acid	Pass	Pass



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

John Su  
QA & QC Manager