

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

## Certificate of Analysis

Date of Testing: 2025-12-18 10:54:47  
Date of Next Testing: 2028-12-17 10:54:47  
Product Name: **Ammonium carbonate**  
CAS Number: 506-87-6  
Specifications & Purity: ACS, ≥30% NH3 basis  
Lot #: L2517092  
SKU #: **A432782**  
Version: **1**  
Analysis #: **281100**

Parameter	Limit Values	Result
NH3(Titration by NaOH)	≥30 (%)	43.11 %
Nonvolatile Matter	0-0.01 (%)	0.00670 %
Insoluble matter(C=20%, H2O)	0-0.005 (%)	0.00000 %
Chloride (Cl-)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Heavy Metals (by ICP-OES)	0-5 (ppm)	0.00000 ppm
Sulfur Compounds	0-0.002 (%)	0.00190 %
Appearance(A432782)	White Powder or Chunks	White Powder or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager