

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 09:43:07

Date of Next Testing: 2028-09-08 09:43:07

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

Specifications & Purity: ACS, ≥30% NH₃ basis

Lot #: I2505233

SKU #: **A432782**

Version: **1**

Analysis #: **580425**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
NH ₃ (Titration by NaOH)	≥30 (%)	43.28000 %
Nonvolatile Matter	0-0.01 (%)	0.00690 %
Insoluble matter(C=20%, H ₂ O)	0-0.005 (%)	0.00250 %
Chloride (Cl-)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Heavy Metals (by ICP-OES)	0-5 (ppm)	0.00000 ppm
Sulfur Compounds	0-0.002 (%)	0.00000 %
Appearance(A432782)	White Powder or Chunks	White Powder or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager