

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-20 15:40:35

Date of Next Testing: 2029-02-19 15:40:35

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

Specifications & Purity: AR, 30% NH3 basis(T)

Lot #: B2514053

SKU #: **A110371**

Version **0**

Analysis #: **474809**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Assay(NH3)	≥30 (%)	36.32000 %
Sulfate(SO42-)	0-50 (ppm)	10.00000 ppm
Heavy metal (as Pb)	0-10 (ppm)	8.30310 ppm
Chloride (Cl-)	0-20 (ppm)	0.00000 ppm
Ignition Residue	0-0.01 (%)	0.00300 %
Iron(Fe)	0-10 (ppm)	6.00000 ppm
Appearance (A110371)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless and clear (0.1g/ml)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager