

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 14:29:28

Date of Next Testing: 2029-05-18 14:29:28

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

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

Lot #: E2506026

SKU #: **A110371**

Version: **0**

Analysis #: **515560**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Assay(NH3)	≥30 (%)	42.36000 %
Sulfate(SO42-)	0-50 (ppm)	0.65000 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.10000 ppm
Chloride (Cl-)	0-20 (ppm)	0.20000 ppm
Ignition Residue	0-0.01 (%)	0.00000 %
Iron(Fe)	0-10 (ppm)	2.50000 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