

Certificate of Analysis

Date of Testing: 2023-11-20 10:36:16
Date of Next Testing: 2026-11-19 10:36:16
Product Name: **Ammonium carbonate**
CAS Number: 506-87-6
Specifications & Purity: ACS reagent, $\geq 30.0\%$ NH₃ basis
Lot #: K2310078
SKU #: **A432782**
Analysis: 281100

Parameter	Limit Values	Result
NH ₃ (Titration by NaOH)	≥ 30 (%)	43.11 %
Nonvolatile Matter	0-0.01 (%)	0.00670 %
Insoluble matter(C=20%, H ₂ O)	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