

Certificate of Analysis

Date of Testing: 2022-03-03 10:12:22
 Date of Next Testing: 2026-03-02 10:12:22
 Product Name: **Ammonium carbonate**
 CAS Number: 506-87-6
 Specifications & Purity: Analytical Reagent,30% NH3 basis(T)
 Lot #: C2201092
 SKU #: **A110371**
Analysis: **060113**
 Storage Temperature: Protected from light

Parameter	Limit Values	Result
Assay(NH3)	≥30 (%)	34.97 %
Sulfate(SO42-)	0-50 (ppm)	8.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	2.00 ppm
Chloride (Cl-)	0-20 (ppm)	3.00 ppm
Ignition Residue	0-0.01 (%)	0.00 %
Iron(Fe)	0-10 (ppm)	8.41 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