

## Certificate of Analysis

Date of Testing: 2023-03-21 14:32:35

Date of Next Testing: 2027-03-20 14:32:35

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

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

Lot #: C2316596

SKU #: **A110371**

**Analysis:** **202083**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Assay(NH3)	≥30 (%)	35.95 %
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