

Certificate of Analysis

Date of Testing: 2024-12-09 11:20:10

Date of Next Testing: 2028-12-08 11:20:10

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

Specifications & Purity: UltraPureChrom™, Chromatographic grade, ≥30% NH3 basis

Lot #: K2429559

SKU #: **A758322**

Version: **1**

Analysis #: **446136**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Assay(NH3)	≥30 (%)	41.60 %
UV Absorbance 260nm(0.5g/10ml,H2O)	0-0.02	0.01500
UV Absorbance 240nm(0.5g/10ml,H2O)	0-0.1	0.08000
UV Absorbance 280nm(0.5g/10ml,H2O)	0-0.01	0.00730
UV Absorbance 250nm(0.5g/10ml,H2O)	0-0.04	0.02900
UV Absorbance 500nm (0.5g/10ml,H2O)	0-0.01	0.00900
Solubility in H2O , clear colorless , 100mg/ml in water	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(A758322)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager