

Certificate of Analysis

Date of Testing: 2025-07-11 10:32:36

Date of Next Testing: 2029-07-10 10:32:36

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

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

Lot #: G2510054

SKU #: **A758322**

Version: **1**

Analysis #: **542244**

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

Parameter	Limit Values	Result
Assay(NH3)	≥30 (%)	42.36 %
UV Absorbance 260nm(0.5g/10ml,H2O)	0-0.02	0.00000
UV Absorbance 240nm(0.5g/10ml,H2O)	0-0.1	0.00000
UV Absorbance 280nm(0.5g/10ml,H2O)	0-0.01	0.00000
UV Absorbance 250nm(0.5g/10ml,H2O)	0-0.04	0.00200
UV Absorbance 500nm (0.5g/10ml,H2O)	0-0.01	0.00050
Solubility in H2O , clear colorless , 100mg/ml in pass water		Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(A758322)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks



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QA & QC Manager