

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-10-07 16:38:17

Date of Next Testing: 2030-10-06 16:38:17

Product Name: **Ammonium carbonate**

CAS Number: 506-87-6

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

Lot #: I2622238

SKU #: **A758322**

Version: **1**

Analysis #: **774196**

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

Parameter	Limit Values	Result
Assay(NH ₃)	≥30 (%)	42.55000 %
UV Absorbance 260nm(0.5g/10ml,H ₂ O)	0-0.02	0.00300
UV Absorbance 240nm(0.5g/10ml,H ₂ O)	0-0.1	0.03000
UV Absorbance 280nm(0.5g/10ml,H ₂ O)	0-0.01	0.00200
UV Absorbance 250nm(0.5g/10ml,H ₂ O)	0-0.04	0.00500
UV Absorbance 500nm (0.5g/10ml,H ₂ O)	0-0.01	0.00000
Solubility in H ₂ O , clear colorless , 100mg/ml in pass water		Pass
Appearance(A758322)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager