

## Certificate of Analysis

Date of Testing: 2021-12-18 15:16:09  
Date of Next Testing: 2025-12-17 15:16:09  
Product Name: **Ammonium carbonate**  
CAS Number: 506-87-6  
Specifications & Purity: grade for HPLC, 30-33% NH3 basis (T)  
Lot #: L2115403  
SKU #: **A118825**  
**Analysis:** **059925**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
UV Absorbance 260nm	0-0.02	0.01
UV Absorbance 240nm	0-0.1	0.08
Assay(NH3)	30-33 (%)	31.88%
UV Absorbance 280nm	0-0.01	0.01
UV Absorbance 250nm	0-0.04	0.03
UV Absorbance 500nm	0-0.01	0.01
Appearance (A118825)	White Powder or Crystals	White Powder or Crystals
Filtration test	corresponds to standard	corresponds to standard
RP gradient test	pass test	pass test
Solubility in H2O , clear colorless , 100mg/ml in water	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager