



## LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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### CERTIFICATE OF ANALYSIS

**Product Name:** AMMONIUM CARBONATE For HPLC

**Catalogue No.:** LA0331

**CAS No.:** 506-87-6

**Batch No.:** 678VF

**Date of Manufacture:** June 2025

**Date of Expiry:** May 2030

Test Parameters	Specifications	Results
Appearance	White crystalline lumps or powder	Complies
Purity (as $(\text{NH}_4)_2\text{CO}_3$ )	Min. 99.9% (Suitable for HPLC applications)	99.9%
Identification (IR)	Should match reference standard	Complies
Solubility	Freely soluble in water	Complies
pH (5% aqueous solution)	8.8 – 9.5	9.1
UV Absorbance (at 210 nm)	NMT 0.02	0.008
UV Absorbance (at 254 nm)	NMT 0.01	0.003
Chloride (Cl)	NMT 0.001%	Complies
Sulphate ( $\text{SO}_4$ )	NMT 0.002%	Complies
Heavy Metals (as Pb)	NMT 0.0002%	Complies
Loss on Drying	NMT 2.0%	1.1%

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

Signature: \_\_\_\_\_

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED