

CERTIFICATE OF ANALYSIS

Product Name	AMMONIUM CHLORIDE 99.5% MOLECULAR BIOLOGY		
CAS No.	12125-02-9	Code No.	00200
Batch No.	CS07251977	Date of Analysis	02/07/2025
Mfg. Date	July-2025	Mol.Weight (g/mol)	53.49
Expiry Date	June-2030	Mol. Formula	NH ₄ Cl

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay	Min 99.5%	99.65%
3	DNases, RNases, phosphatases & proteases	None detected	None detected
4	Insoluble matter	Passes filter test	Complies
5	Solubility (1 M in water)	Complete, Colorless	Complies
6	pH (5% solution)	4.5-5.5	4.65
7	Nitrate (NO ₃)	Max 0.0005%	0.00012%
8	Phosphate (PO ₄)	Max 0.0002%	0.00011%
9	Sulphate (SO ₄)	Max 0.0005%	0.00010%
10	UV absorbance 1 M in water at:		
11	260 nm	Max 0.021	0.0003%
12	280 nm	Max 0.019	0.0008%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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