

CERTIFICATE OF ANALYSIS

Product Name	AMMONIUM CHLORIDE 99.5% AR		
CAS No.	12125-02-9	Code No.	00199
Batch No.	CS05250313	Date of Analysis	24/05/2025
Mfg. Date	May-2025	Mol.Weight (g/mol)	53.49
Expiry Date	Apr-2030	Mol. Formula	NH ₄ Cl

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (as NH ₄ Cl; on anhydrous basis)	Min 99.5%	99.86%
3	pH (5% solution in water; 25°C)	4.5 - 5.5	5.34
4	Insoluble matter (10% in water)	Max 0.005%	0.00097%
5	Residue on ignition	Max 0.01%	0.0004%
6	Calcium (Ca)	Max 0.001%	0.00018%
7	Magnesium (Mg)	Max 0.0005 %	0.000066%
8	Heavy metals (by ICP-OES)	Max 0.0005%	0.00005%
9	Iron (Fe)	Max 0.0002%	0.00003%
10	Phosphate (PO ₄)	Max 0.0002%	0.00005%
11	Sulphate (SO ₄)	Max 0.002%	0.0004%

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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