

CERTIFICATE OF ANALYSIS

Product Name	AMMONIUM CHLORIDE 99% EXTRAPURE		
CAS No.	12125-02-9	Code No.	00198
Batch No.	CS02252806	Date of Analysis	07/02/2025
Mfg. Date	Feb-2025	Mol.Weight (g/mol)	53.49
Expiry Date	Jan-2030	Mol. Formula	NH ₄ Cl

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (argentometric)	Min 99.0%	99.23%
3	Sulphate (SO ₄)	Max 0.015%	0.002%
4	Heavy metal (as Pb)	Max 0.001%	0.00035%
5	Arsenic (As)	Max 0.0003%	0.00006%
6	Lead (Pb)	Max 0.001%	0.00027%
7	Calcium (Ca)	Max 0.02%	0.004%
8	Iron (Fe)	Max 0.002%	0.00032%
9	Copper (Cu)	Max 0.0025%	0.0005%
10	Zinc (Zn)	Max 0.0025%	0.00041%
11	Residue on ignition (at 800°C)	Max 0.1%	0.018%
12	Iodide, Bromide (I, Br)	Passes test	Passes
13	pH (5% solution)	4.5 - 5.5	5.08
14	Identity	Passes test	Passes
15	Clarity of solution	Passes test	Passes
16	Acidity or alkalinity	Passes test	Passes
17	Loss on drying (at 105°C)	Max 0.5%	0.11%
18	Thiocyanate (SCN)	Passes test	Passes

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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CSPL/QC/F/04