

CERTIFICATE OF ANALYSIS

Product Name	ALUMINIUM NITRATE NONAHYDRATE 98.5% AR		
CAS No.	7784-27-2	Code No.	00125
Batch No.	CS05250761	Date of Analysis	28/05/2025
Mfg. Date	May-2025	Mol.Weight (g/mol)	375.13
Expiry Date	Apr-2030	Mol. Formula	Al(NO ₃) ₃ ·9H ₂ O

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystals or crystalline powder	White crystalline powder
2	Assay (complexometric)	98.5-102%	98.74%
3	Insoluble matter	Max 0.005%	0.0016%
4	Reaction	Min pH 2.0	2.86
5	Chloride (Cl)	Max 0.001%	0.0002%
6	Sulphate (SO ₄)	Max 0.005%	0.0024%
7	Ammonium (NH ₄)	Max 0.02%	0.0017%
8	Copper (Cu)	Max 0.001%	0.0006%
9	Iron (Fe)	Max 0.002%	0.00042%
10	Heavy metal (as Pb)	Max 0.001%	0.00013%
11	Magnesium (Mg)	Max 0.001%	0.0006%
12	Calcium (Ca)	Max 0.005%	0.0013%
13	Potassium (K)	Max 0.002%	0.0006%
14	Sodium (Na)	Max 0.005%	0.0013%

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