

CERTIFICATE OF ANALYSIS

Product Name	AMMONIUM BICARBONATE 98.5% EXTRAPURE		
CAS No.	1066-33-7	Code No.	00181
Batch No.	CS12242437	Date of Analysis	28/12/2024
Mfg. Date	Dec-2024	Mol.Weight (g/mol)	79.06
Expiry Date	Nov-2029	Mol. Formula	NH ₄ HCO ₃

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
2	Assay	Min 99.0%	99.86%
3	Insoluble matter	Max 0.003%	0.0011%
4	Non-volatile matter	Max 0.005%	0.0026%
5	Chloride (Cl)	Max 0.0002%	0.00005%
6	Phosphate (PO ₄)	Max 0.001%	0.00032%
7	Silicate (SiO ₂)	Max 0.005%	0.00014%
8	Sulphate (SO ₄)	Max 0.002%	0.0004%
9	Sulphide (S)	Max 0.0002%	0.0006%
10	Arsenic (As)	Max 0.00004%	0.000031%
11	Calcium (Ca)	Max 0.002%	0.00026%
12	Copper (Cu)	Max 0.0002%	0.00005%
13	Iron (Fe)	Max 0.0005%	0.000074%
14	Lead (Pb)	Max 0.0002%	0.000039%
15	Magnesium (Mg)	Max 0.002%	0.00042%
16	Potassium (K)	Max 0.002%	0.00031%
17	Sodium (Na)	Max 0.005%	0.0017%

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