



CERTIFICATE OF ANALYSIS

Product Name : AMMONIUM HYDROGEN CARBONATE 99% AR
Lot No. : A36914Z2109 Analyzed On : 18-Sep-2021
Mol. Formula : NH₄HCO₃ Mol. Weight : 79.06
Code No. : 01220 CAS No. : 1066-33-7
Mfg. Date : Sep-2021 Exp. Date : Aug-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
2	Assay	Min 99.0%	99.14%
3	Insoluble matter	Max 0.003%	< 0.003%
4	Non volatile matter	Max 0.005%	0.005%
5	Chloride (Cl)	Max 0.0002%	0.0002%
6	Phosphate (PO ₄)	Max 0.001%	0.001%
7	Silicate (SiO ₂)	Max 0.005%	< 0.005%
8	Sulphate (SO ₄)	Max 0.002%	0.0018%
9	Sulphide (S)	Max 0.0002%	< 0.0002%
10	Arsenic (As)	Max 0.00004%	< 0.00004%
11	Calcium (Ca)	Max 0.002%	0.0015%
12	Copper (Cu)	Max 0.0002%	0.0002%
13	Iron (Fe)	Max 0.0005%	0.00004%
14	Lead (Pb)	Max 0.0002%	< 0.0002%
15	Magnesium (Mg)	Max 0.002%	0.00024%
16	Potassium (K)	Max 0.002%	0.00017%
17	Sodium (Na)	Max 0.005%	0.00054%

CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

04/10.03.2021