

CERTIFICATE OF ANALYSIS

Product Name	: SODIUM HYDROGEN CARBONATE 99.7% AR	Analyzed On	: 10-Aug-2021
Lot No.	: A377772108	Mol. Weight	: 84.01
Mol. Formula	: NaHCO ₃	CAS No.	: 144-55-8
Code No.	: 05895	Exp. Date	: Jul-2026
Mfg. Date	: Aug-2021	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	A soft white crystalline powder	A soft white crystalline powder
2	Assay	99.7 - 100.5%	100.5%
3	Identity	Passes test	Passes test
4	Insoluble matter	Max 0.015%	<0.015%
5	Carbonate	Passes test	Passes test
6	pH	Max 8.6	8.30
7	Chloride (Cl)	Max 0.003%	0.00029%
8	Nitrogen compounds (as N)	Max 0.001%	<0.001%
9	Phosphate (PO ₄)	Max 0.005%	0.005%
10	Silicate (SiO ₂)	Max 0.005%	0.005%
11	Sulphate (SO ₄)	Max 0.003%	0.00027%
12	Ammonium (NH ₄)	Max 0.0005%	0.00045%
13	Arsenic (As)	Max 0.0002%	<0.0002%
14	Calcium (Ca)	Max 0.005%	0.0005%
15	Copper (Cu)	Max 0.0005%	0.0005%
16	Iron (Fe)	Max 0.001%	0.00012%
17	Lead (Pb)	Max 0.0005%	0.000047%
18	Magnesium (Mg)	Max 0.005%	0.00052%
19	Potassium (K)	Max 0.005%	0.00073%
20	Substance reducing iodine (I)	Max 0.0065%	0.0065%
21	Loss on drying (over silica gel; 4 hrs)	Max 0.25%	0.016%

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



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 QC Manager

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LOBA/QC/FM/01

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