



## CERTIFICATE OF ANALYSIS

Product Name : SODIUM CARBONATE ANHYDROUS 99.5% AR  
Lot No. : A383282109 Analyzed On : 25-Sep-2021  
Mol. Formula : Na<sub>2</sub>CO<sub>3</sub> Mol. Weight : 105.99  
Code No. : 05810 CAS No. : 497-19-8  
Mfg. Date : Sep-2021 Exp. Date : Aug-2026  
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline or granular powder	White granular powder
2	Assay (on anhydrous basis)	Min 99.5%	100.70%
3	Identity	Passes test	Passes test
4	Appearance of solution	Passes test	Passes test
5	Insoluble matter in water	Max 0.01%	<0.01%
6	Moisture (at 300°C)	Max 0.5%	0.13%
7	Chloride (Cl)	Max 0.002%	0.0016%
8	Phosphate and silicate (as SiO <sub>2</sub> )	Max 0.005%	0.0048%
9	Total sulphur (as SO <sub>4</sub> )	Max 0.005%	0.0045%
10	Heavy metal (as Pb)	Max 0.0005%	0.00045%
11	Arsenic (As)	Max 0.0005%	<0.0005%
12	Calcium (Ca)	Max 0.03%	<0.03%
13	Iron (Fe)	Max 0.0005%	0.00044%
14	Potassium (K)	Max 0.01%	<0.01%
15	Magnesium (Mg)	Max 0.005%	<0.005%

**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