

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM HYDROGEN CARBONATE AR

(Confirming to IP & BP)

CAS No : 144-55-8

Product code : 25780

Mol. Formula : NaHCO₃

Batch No. : MCAR-00707

Mol. WT : 84.01

Mfd. : Oct. 2024

Date of analysis : 10/10/24

Exp. : Sept. 2029

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay	99.5-100.2% w/w	99.96% w/w
3	pH(5% aq.solution)	NMT 8.4	8.16
4	Water insoluble matter	0.01% max	0.005%
5	Chloride (Cl)	0.001% max	<0.001%
6	Nitrogen compounds (N)	0.001% max	<0.001%
7	Phosphate (PO₄)	0.005% max	<0.005%
8	Silicate (SiO₂)	0.005% max	<0.005%
9	Sulphate (SO₄)	0.003% max	<0.003%
10	Calcium (Ca)	0.005% max	<0.005%
11	Copper (Cu)	0.0002% max	<0.0002%
12	Iron(Fe)	0.0005% max	<0.0005%
13	Lead(Pb)	0.0005% max	<0.0005%
14	Magnesium (Mg)	0.005% max	<0.005%
15	Potassium (K)	0.005% max	<0.005%
16	Arsenic (As)	0.0002% max	<0.0002%
17	Substances reducing Iodine (I)	0.0065% max	<0.0065%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Sonu)**



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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