

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM HYDROGEN CARBONATE AR
(Confirming to IP & BP)

CAS No : 144-55-8

Mol. Formula : NaHCO₃

Mol. WT : 84.01

Date of analysis : 11/01/25

Product code : 25780

Batch No. : MCAR-01086

Mfd. : Jan. 2025

Exp. : Dec. 2029

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder
2	Assay	99.5-100.2% w/w	99.84% w/w
3	pH(5% aq.solution)	NMT 8.4	8.20
4	Water insoluble matter	0.01% max	0.004%
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]



**CHEMIST
(Durvas)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.