

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 : 29/03/24

Product code : 25780

Batch No. : MCRT-30714

Mfd. : March 2024

Exp. : Feb. 2029

| S.R | Test | Specification | Observation |
|-----|---------------------------------------|-------------------------------------|---------------------------|
| 1 | Description | White powder or crystalline powder. | White crystalline powder. |
| 2 | Assay | 99.5-100.2% w/w | 99.92% w/w |
| 3 | pH(5% aq.solution) | NMT 8.4 | 8.1 |
| 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]

[QC Incharge]

CHEMIST
(Aishwarya)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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.