



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM HYDROGEN CARBONATE PURIFIED**  
(Sodium bicarbonate)

**CAS No : 144-55-8**  
**Mol. Formula : NaHCO<sub>3</sub>**  
**Mol. WT : 84.01**  
**Date of analysis : 07/01/23**

**Product code : 18460**  
**Batch No. : MCR-27416**  
**Mfd. : Jan. 2023**  
**Exp. : Dec. 2027**

| S. R | Test                             | Specification                       | Observation   |
|------|----------------------------------|-------------------------------------|---------------|
| 1    | <b>Description</b>               | White powder or crystalline powder. | White powder. |
| 2    | <b>Assay (by acidimetric)</b>    | 99-101% w/w                         | 99.98%        |
| 3    | <b>pH (1% aq.solution)</b>       | 8 - 8.5                             | 8.14          |
| 4    | <b>Chloride (Cl)</b>             | 0.03% max                           | <0.03%        |
| 5    | <b>Sulphate (SO<sub>4</sub>)</b> | 0.02% max                           | <0.02%        |
| 6    | <b>Total Nitrogen</b>            | 0.002% max                          | <0.002%       |
| 7    | <b>Arsenic(As)</b>               | 0.0001% max                         | <0.0001%      |
| 8    | <b>Lead(Pb)</b>                  | 0.001% max                          | <0.001%       |
| 9    | <b>Iron(Fe)</b>                  | 0.001% max                          | <0.001%       |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Sonu)**

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

**Note:** Computer generated image requires no sign.

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