

## 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 : 10/01/24**

**Product code : 18460**  
**Batch No. : MCR-30126**  
**Mfd. : Jan. 2024**  
**Exp. : Dec. 2028**

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay (by acidimetric)	99-101% w/w	99.67%
3	pH (1% aq.solution)	8 - 8.5	8.23
4	Chloride (Cl)	0.03% max	<0.03%
5	Sulphate (SO <sub>4</sub> )	0.02% max	<0.02%
6	Total Nitrogen	0.002% max	<0.002%
7	Arsenic (As)	0.0001% max	<0.0001%
8	Lead (Pb)	0.001% max	<0.001%
9	Iron (Fe)	0.001% max	<0.001%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Durvas)**

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

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