CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM HYDROGEN CARBONATE PURIFIED
(Sodium bicarbonate)

CAS No	**: 144-55-8**	**Product code**	**: 18460**
Mol. Formula	**: $NaHCO_3$**	**Batch No.**	**: MCR-29851**
Mol. WT	**: 84.01**	**Mfd.**	**: Dec. 2023**
Date of analysis	**: 05/12/23**	**Exp.**	**: Nov. 2028**

S.R	Test	Specification	Observation
1	**Description**	White powder or crystalline powder.	White crystalline powder.
2	**Assay (by acidimetric)**	99-101% w/w	99.87%
3	**pH (1% aq.solution)**	8 - 8.5	8.24
4	**Chloride (Cl)**	0.03% max	<0.03%
5	**Sulphate (SO_4)**	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
(Priti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.