

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-32592
Mol. WT	: 84.01	Mfd.	: Dec. 2024
Date of analysis	: 09/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay (by acidimetric)	99-101% w/w	99.88%
3	pH (1% aq.solution)	8 - 8.5	8.05
4	Chloride (Cl)	0.03% max	<0.03%
5	Sulphate (SO₄)	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]



**CHEMIST
(Shruti)**

[QC Incharge]



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