

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	: 144-55-8	<b>Product code</b>	: 18460
<b>Mol. Formula</b>	: NaHCO <sub>3</sub>	<b>Batch No.</b>	: MCR-34232
<b>Mol. WT</b>	: 84.01	<b>Mfd.</b>	: June 2025
<b>Date of analysis</b>	: 11/06/25	<b>Exp.</b>	: May 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or crystalline powder.	White crystalline powder.
2	<b>Assay (by acidimetric)</b>	99-101% w/w	99.91%
3	<b>pH (1% aq.solution)</b>	8 - 8.5	8.38
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]**



**CHEMIST  
(Deepa)**



**[QC Incharge]**



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