



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 144-55-8</b>	<b>Product code</b>	<b>: 18460</b>
<b>Mol. Formula</b>	<b>: NaHCO<sub>3</sub></b>	<b>Batch No</b>	<b>: MCR-22580</b>
<b>Mol. WT</b>	<b>: 84.01</b>	<b>Mfd.</b>	<b>: Dec. 2020</b>
<b>Date of analysis</b>	<b>: 28/12/20</b>	<b>Exp.</b>	<b>: Nov. 2025</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	White powder or crystalline powder.	White crystalline powder.
2	<b>Assay (by acidimetric)</b>	99-101% w/w	99.42%
3	<b>pH (1% aq.solution)</b>	8 - 8.5	8.09
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]**

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

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

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