

## 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-30780</b>
<b>Mol. WT</b>	<b>: 84.01</b>	<b>Mfd.</b>	<b>: April 2024</b>
<b>Date of analysis</b>	<b>: 15/04/24</b>	<b>Exp.</b>	<b>: March 2029</b>

S.R	Test	Specification	Observation
1	Description	White powder or crystalline powder.	White crystalline powder.
2	Assay (by acidimetric)	99-101% w/w	99.95%
3	pH (1% aq.solution)	8 - 8.5	8.03
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**  
**(Jyoti)**

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

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