



## CERTIFICATE OF ANALYSIS

Date: 05/05/18

**PRODUCT NAME : SODIUM HYDROGEN CARBONATE AR**  
(Confirming to IP & BP)

<b>CAS No</b>	<b>: 144-55-8</b>	<b>Product code</b>	<b>: 25780</b>
<b>Mol. Formula</b>	<b>: NaHCO<sub>3</sub></b>	<b>Batch No</b>	<b>: MCRT-16072</b>
<b>Mol. WT</b>	<b>: 84.01</b>	<b>Mfd.</b>	<b>: May 2018</b>
<b>Exp.</b>	<b>: April 2023</b>		

S. R	Test	Specification	Observation
1	Assay	99.5-100.2% w/w	99.64% w/w
2	pH(5% aq.solution)	NMT 8.4	8.17
3	Water insoluble matter	0.01% max	0.006%
4	Chloride (Cl)	0.001% max	<0.001%
5	Nitrogen compounds (N)	0.001% max	<0.001%
6	Phosphate (PO <sub>4</sub> )	0.005% max	<0.005%
7	Silicate (SiO <sub>2</sub> )	0.005% max	<0.005%
8	Sulphate (SO <sub>4</sub> )	0.003% max	<0.003%
9	Calcium (Ca)	0.005% max	<0.005%
10	Copper (Cu)	0.0002% max	<0.0002%
11	Iron(Fe)	0.0005% max	<0.0005%
12	Lead(Pb)	0.0005% max	<0.0005%
13	Magnesium (Mg)	0.005% max	<0.005%
14	Potassium (K)	0.005% max	<0.005%
15	Arsenic (As)	0.0002% max	<0.0002%
16	Substances reducing iodine (I)	0.0065% max	<0.0065%

**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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