



CERTIFICATE OF ANALYSIS

Date: 02/12/17

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

CAS No : 144-55-8
Mol. Formula : NaHCO₃
Mol. WT : 84.01
Exp. : Nov. 2022

Product code : 25780
Batch No : MCRT-7448-01
Mfd. : Dec. 2017

S. R	Test	Specification	Observation
1	Assay	99.5-100.2% w/w	99.91% w/w
2	pH(5% aq.solution)	NMT 8.4	8.31
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 ₄)	0.005% max	<0.005%
7	Silicate (SiO ₂)	0.005% max	<0.005%
8	Sulphate (SO ₄)	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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