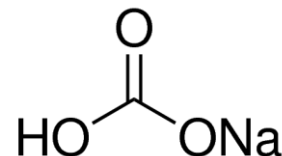


**SPECIFICATION : SODIUM HYDROGEN CARBONATE AR**

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

**PRODUCT DETAILS**

1	Molecular Formula	NaHCO <sub>3</sub>
2	Product code	S043
3	Molecular weight	84.01
4	CAS No	144-55-8
5	Risk Statement No	--
6	Safety Statement No	24/25
7	UN No.	--


**PACKING DETAILS**

	Product code	Pack size
1	S04310	500 g
2	S04313	5.0 Kg

**PRODUCT SPECIFICATION**
**SL. No. TEST PARAMETERS**
**LIMITS**

1	Description	A white odourless granular or crystalline powder.
2	Clarity	10% solution in hot water is clear and colourless.
3	Assay (by Acidimetry)	Not less than 99.5%
4	pH (5% aqueous solution)	Not more than 8.6
5	Water insoluble matter	Not more than 0.01%
6	Chloride (Cl)	Not more than 0.001%
7	Phosphate (PO <sub>4</sub> )	Not more than 0.0005%
8	Sulphate (SO <sub>4</sub> )	Not more than 0.003%
9	Silicate (siO <sub>2</sub> )	Not more than 0.005%
10	Total nitrogen	Not more than 0.001%
11	Arsenic (As)	Not more than 0.00004%
12	Calcium (Ca)	Not more than 0.005%
13	Copper (Cu)	Not more than 0.0005%
14	Heavy metals (as Pb)	Not more than 0.0005%
15	Iron (Fe)	Not more than 0.0005%
16	Magnesium (Mg)	Not more than 0.005%
17	Potassium (K)	Not more than 0.005%
18	Substances reducing iodine	Not more than 0.0065%

**SAFETY SYMBOLS**