



Product Specification

SODIUM HYDROGEN CARBONATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	986200
SYNONYMS	--
C.I. NO.	--
CASR NO.	(144-55-8)
ATOMIC OR MOLECULAR FORMULA	NaHCO ₃
ATOMIC OR MOLECULAR WEIGHT	84.01
PROPERTIES	--

NaHCO₃

PARAMETER	LIMIT
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Description	A soft white crystalline powder.
Solubility	5% solution in water is almost clear and colourless.
Minimum Assay(Acidimetric)	99.70%
pH of (1% aq. solution)	8.4

MAXIMUM LIMIT OF IMPURITIES

Abs. of 1 M <u>at</u> 260 nm – 280 nm	0.02
Chloride (Cl)	0.001%
Nitrogen compounds (N)	0.001%
Phosphate (PO ₄)	0.005%
Sulphur compounds (as SO ₄)	0.003%
Copper (Cu)	0.0005%
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
Potassium (K)	0.005%
Subs. reducing Iodine (I)	0.0065%
DNase, RNase, & Protease	None detected.

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation

Precautionary statements

Prevention : Wash hands thoroughly after handling.

Response : If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IMDG Code :
UN No. :
IATA :

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water

Hazard Pictogram(s) :--