



Product Specification

SODIUM CHLORIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	984900
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7647-14-5)
ATOMIC OR MOLECULAR FORMULA	NaCl
ATOMIC OR MOLECULAR WEIGHT	58.44
PROPERTIES	Very slightly soluble in alcohol. Its solubility in water is decrease by HCl. Almost insoluble in concentrated HCl.

NaCl

PARAMETER	LIMIT
Description	Small white crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Argentometric; after ignition)	99.90%
pH of (5% aq. solution)	5 – 8

MAXIMUM LIMIT OF IMPURITIES

UV abs. of 0.1M/1cm, in water at 280 nm	0.01
UV abs. of 0.1M/1cm, in water at 260 nm	0.01
Insoluble in water	0.003%
Phosphate (PO ₄)	0.0005%
Sulphate (SO ₄)	0.001%
Bromide and Iodide (Br)	0.005%
Iron (Fe)	0.0001%
Heavy metals (as Pb)	0.0002%
Potassium (K)	0.005%
DNase, RNase, Protease and Phosphatases	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.

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) :----

IMDG Code :
UN No. :
IATA :