



## Product Specification

### TRIS (HYDROXYMETHYL) AMINOMETHANE HYDROCHLORIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	998780
SYNONYMS	(Tris hydrochloride)
C.I. NO.	--
CASR NO.	(1185-53-1)
ATOMIC OR MOLECULAR FORMULA	$C_4H_{11}NO_3.HCl$
ATOMIC OR MOLECULAR WEIGHT	157.60
PROPERTIES	--



PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Non-aqueous titration)	99.50%

#### MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.005%
Moisture	0.5%
Abs.of 1 M soln.at 260 nm	0.05
Abs.of 1 M soln.at 280 nm	0.06
Sulphate (SO <sub>4</sub> )	0.01%
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0001%
Copper (Cu)	0.0005%
DNase,RNase, and Protease	None detected.

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

#### WARNING

Hazard statements: Not hazardous. No hazards.

#### Precautionary statements

Prevention: -----

Response: -----

Disposal:- The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber..

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --