



Product Specification

TRIS(HYDROXYMETHYL) AMINOMETHANE FOR HPLC

PRODUCT CODE	776280
SYNONYMS	(Tris buffer, Trometamol, 2-Amino-2-(hydroxymethyl)-1,3-propanediol)
C.I. NO.	--
CASR NO.	(77-86-1)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₁ NO ₃
ATOMIC OR MOLECULAR WEIGHT	121.14
PROPERTIES	Corrosive to copper, aluminium, brass. Combustible.



PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	20% solution in HPLC water is clear and not more than 10 APHA in colour.
Identification (By FTIR)	Conforms.
Minimum Assay (Acidimetric, on dried material)	99.80%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	0.5%
Chloride (Cl)	0.0005%
Sulphate (SO ₄)	0.0005%
Iron (Fe)	0.0002%
Lead (Pb)	0.0001%
Maximum UV Absorbance (40% soln.in HPLC water,1cm) at 290 nm	0.05
Maximum U V Absorbance (1M soln.in HPLC water,1cm) at 260 nm	0.04

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

DANGER

Hazard statements: - Not hazardous. No hazards.

Prevention: --

Response:--

IMDG Code : --

UN No. : --

IATA : --

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

Hazard Pictogram(s) :