



## Product Specification

### TRIS (HYDROXYMETHYL) AMINO METHANE FOR ELECTROPHORESIS

<b>PRODUCT CODE</b>	<b>998760</b>
<b>SYNONYMS</b>	(Tris buffer, Trometamol, 2-Amino-2-(hydroxymethyl)-1,3-propanediol)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(77-86-1)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_4H_{11}NO_3$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	121.14
<b>PROPERTIES</b>	--



<b>PARAMETER</b>	<b>LIMIT</b>
Description	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)	99.8%
Maximum UV Absorbance (40% soln.in HPLC water, 1cm ) at 290 nm	0.05
Maximum UV Absorbance (1M soln.in HPLC water, 1cm) at 260 nm	0.04

#### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	0.5%
Insoluble matter	0.005%
Heavy metals (as Pb)	0.0002%

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

#### WARNING

**Hazard statements :** - Not hazardous. No hazards.

**Precautionary statements**

**Prevention: ---**

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) :