

TRIS BUFFER SUPERIOR FOR MOLECULAR BIOLOGY

PRODUCT CODE	998665
SYNONYMS	(Tris Buffer, Tris Base)
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	--



PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	20% solution in HPLC water is clear and not more than 10 APHA in colour.
Minimum assay (Acidimetric, on dried material)	99.9%
Melting range	169-171 °C
pH (10% aq. Solution)	10.5-11.0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	0.5%
Sulphated ash	0.01%
Insoluble Matter	0.005%
Chloride (Cl)	0.0001%
Sulphate (SO ₄)	0.0005%
Iron (Fe)	0.0001%
Heavy metals (Pb)	0.0002%
Arsenic (As)	0.0001%
Absorbance (A) of 40% aq. Solution in a 1cm cell v/s H ₂ O	
@260nm	0.1
@280nm	0.1
@290nm	0.05

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

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: -----	IMDG Code : -- UN No. : -- IATA : --
---	--

Disposal:-----

Hazard Pictogram(s) :-----