



12695

Tris Buffer for cell culture, 99.9%, Endotoxin (BET) 0.05 EU/mg

Part B1

CAS : 77-86-1

Molecular Formula : C₄H₁₁NO₃

Molecular Weight : 121.14

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (On dry basis)	min. 99.9%
Melting Point	169 - 171°C
pH (10% aq. solution)	10.5 - 11.0
Loss on drying	max. 0.5%
Sulphated Ash	max. 0.05%
Insoluble matter	max. 0.005%
Chloride (Cl)	max. 0.001%
Sulphate (SO ₄)	max. 0.005%
Iron (Fe)	max. 0.0001%
Heavy Metals (Pb)	max. 0.0002%
Copper (Cu)	max. 0.0001%
Arsenic (As)	max. 0.0001%
Absorbance (A) of 40% aq. solution in a 1cm cell v/s H ₂ O	
@290nm	max. 0.2
Suitability for Cell Culture	Passes test
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.05 EU/mg

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	29211190 (GST 18%)
500 Gms	29211190 (GST 18%)
Type of Packing	

100 Gms

Plastic Bottle

500 Gms

Plastic Bottle

Available Packages

100 Gms

500 Gms

Disclaimer

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