



30766

TRICINE Buffer for cell culture, 99%, Endotoxin (BET) 0.1EU/mg

Part B1

CAS : 5704-04-1

Molecular Formula : C₆H₁₃NO₅

Molecular Weight : 179.18

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (NT)	min. 99%
Melting Point	186 - 188°C
pH (1M aq. solution)	4.0 - 6.0
Loss on drying	max. 0.2%
Sulphated Ash	max. 0.1%
Chloride (Cl)	max. 0.05%
Sulphate (SO ₄)	max. 0.005%
Iron (Fe)	max. 0.0005%
Heavy Metals (Pb)	max. 0.001%
Copper (Cu)	max. 0.0005%
Smooth curve	230 - 350nm
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H ₂ O	
@250 nm	max. 0.1
Suitability for Cell Culture	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.1 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%)
25 Gms	29211190 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle

25 Gms

Plastic Bottle

Available Packages

25 Gms

100 Gms

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
