



39149

HEPES Buffer for cell culture, 99.5%, Endotoxin (BET) 0.05EU/mg

Part B1

CAS : 7365-45-9

Molecular Formula : C₈H₁₈N₂O₄S

Molecular Weight : 238.30

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (T)	min. 99.5%
pH (5% aq. solution)	5.0 - 6.5
Loss on drying	max. 0.5%
Sulphated Ash	max. 0.1%
Chloride (Cl)	max. 0.01%
Sulphate (SO ₄)	max. 0.01%
Iron (Fe)	max. 0.0005%
Heavy Metals (Pb)	max. 0.0005%
Phosphate (P)	max. 0.001%
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)	0.05 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	29335990 (GST 18%)
25 Gms	29335990 (GST 18%)
500 Gms	29335990 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle

500 Gms

Plastic Bottle

Available Packages

25 Gms

100 Gms

500 Gms

Disclaimer

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