



68250

Sucrose for cell culture, Endotoxin (BET) 0.05EU/mg

Part B1

CAS : 57-50-1

Molecular Formula : C₁₂H₂₂O₁₁

Molecular Weight : 342.30

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 2M aq. solution	Clear
Solubility (Colour) 2M aq. solution	Colourless
Specific rotation [?]	+66.4° to +66.6° (C=10, water)
Loss on drying	max. 0.03%
Sulphated Ash	max. 0.005%
Chloride (Cl)	max. 0.0005%
Sulphate (SO ₄)	max. 0.002%
Iron (Fe)	max. 0.0001%
Heavy Metals (Pb)	max. 0.0001%
Copper (Cu)	max. 0.0001%
Reducing sugars (C ₆ H ₁₂ O ₆)	max. 0.01%
Nitrogen Compounds (N)	max. 0.002%
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	Restricted for export from India
HSN Code	
1 Kg	17019990 (GST 12%)
5 Kg	17019990 (GST 12%)
500 Gms	17019990 (GST 12%)
Type of Packing	
1 Kg	Plastic Bottle
5 Kg	Plastic Jar
500 Gms	Plastic Bottle

Available Packages

500 Gms

1 Kg

5 Kg

Disclaimer

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