



42844

D-Maltose Monohydrate for tissue culture

Part A

CAS : 6363-53-7

Molecular Formula : C₁₂H₂₂O₁₁.H₂O

Molecular Weight : 360.31

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
pH (10% aq. solution)	4.0 - 5.5
Specific rotation [?]	+128° to +132° (C=10, Ammoniacal water)
Assay (HPLC) (on dried basis)	min. 92%
Sulphated Ash	max. 0.05%
Chloride (Cl)	max. 0.01%
Sulphate (SO ₄)	max. 0.01%
Iron (Fe)	max. 0.0005%
Heavy Metals (Pb)	max. 0.001%
Dextrin	max. 0.5%
Water (KF)	4.5 - 6.5%
Suitability for Tissue Culture	Passes

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	29400000 (GST 18%)
5 Kg	29400000 (GST 18%)
500 Gms	29400000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

5 Kg

Disclaimer

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