



58476

D-Mannose for tissue culture, 99%

Part B

CAS : 3458-28-4

Molecular Formula : C₆H₁₂O₆

Molecular Weight : 180.16

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (HPLC)	min. 99%
Specific rotation [α] _D ²⁵ (C=4 aq. for 24 hr)	+13.5° to +14.9°
Sulphated Ash	max. 0.1%
Chloride (Cl)	max. 0.005%
Iron (Fe)	max. 0.0005%
Sulphate (SO ₄)	max. 0.005%
Heavy Metals (Pb)	max. 0.0005%
Water (KF)	max. 0.5%
Homogeneity by TLC	Passes test
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%)
25 Gms	29400000 (GST 18%)
Type of Packing	
10 Gms	Plastic Bottle
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle

Available Packages

25 Gms

100 Gms

500 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
