



85473

Agar powder for tissue culture

Part A

CAS : 9002-18-0

Molecular Formula : (C₁₂H₂₈O₉)_n

Specifications

Appearance (Colour)	White to pale yellow
Appearance (Form)	Powder
Solubility (Turbidity) 1.5% aq. hot solution	Almost clear
Solubility (Colour) 1.5% aq. hot solution	Pale yellow
Loss on drying	max. 15%
Sulphated Ash	max. 5%
Gel strength (1.5% gel)	min. 800 gm/cm ²
Acid insoluble ash	max. 1%
Foreign organic matter	max. 1%
Foreign insoluble matter	max. 1%
Starch	Passes test
Gelatin	Passes test
Water absorption capacity	Passes test
Heavy Metals (Pb)	max. 0.005%
Absorbance (A) of 1.5% aq. solution at ~ 50°C in a 1cm cell v/s H ₂ O	
@430nm	max. 0.20
@530nm	max. 0.15
@655nm	max. 0.1
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	13023100 (GST 18%)
250 Gms	13023100 (GST 18%)
5 Kg	13023100 (GST 18%)
500 Gms	13023100 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
250 Gms	Plastic Bottle

500 Gms

Plastic Bottle

Available Packages

100 Gms

250 Gms

500 Gms

5 Kg

Disclaimer

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