



32417

Agarose Low Melting for molecular biology

Part B

CAS : 9012-36-6

Specifications

Appearance (Colour)	White to off-white
Appearance (Form)	Free flowing powder
Solubility (Turbidity) 1.5% aq. hot solution	Clear
Solubility (Colour) 1.5% aq. hot solution	Colourless
Loss on drying	max. 10%
Sulphate (SO ₄)	max. 0.15%
Gelling temperature (1.5 %aq sol.)	26 - 30 °C
Melting temperature (1.5% gel)	? 65 °C
Gel strength (1% gel)	min. 200 gm/cm ²
Gel strength (1.5% gel)	min. 300 gm/cm ²
Gel strength (3% gel)	min. 500 gm/cm ²
Electroendosmosis EEO (-Mr)	max. 0.10
Absorbance (A) of 1.5% aq. solution at ~50°C in a 1cm cell v/s H ₂ O	
@430nm	max. 0.1
@530nm	max. 0.05
@655nm	max. 0.03
DNase, RNase, Protease	Not detected

Other Information

Notes

Melting temp (1.5% gel) ? 65°C,
suitable for separation of DNA
fragments <1000 base pairs (bp) & can
distinguish fragments as small as 8 bp.

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
10 Gms	13021915 (GST 18%)
100 Gms	13021915 (GST 18%)
25 Gms	13021915 (GST 18%)
250 Gms	13021915 (GST 18%)

5 Gms

13021915 (GST 18%)

Type of Packing

10 Gms

Plastic Bottle

Available Packages

5 Gms

10 Gms

25 Gms

100 Gms

250 Gms

Disclaimer

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