



77981

Agar powder BactoBio for microbiology

Part D

CAS : 9002-18-0

Specifications

Appearance (Colour)	Off white to light beige
Appearance (Form)	Granular, free flowing powder
Solubility (Turbidity) 1.5% aq. hot solution	Clear to very slightly turbid
Solubility (Colour) 1.5% aq. hot solution	Colourless to pale yellow
Loss on drying	max. 12.0 %
Sulphated Ash	max. 3.0 %
Gel strength (1.5% gel)	min. 1000 g/cm ²
Acid insoluble ash	max. 0.5%
Starch	Passes test (As per USP 32 NF 26)
Gelatin	Passes test (As per USP 32 NF 26)
Water absorption capacity	Passes test (As per USP 32 NF 26)
Identification Test	Passes Test (As per USP 32 NF 26)
pH (25°C)	6.0 - 7.5 (1.5% after autoclaving)
Gelling temperature (1.5 %aq sol.)	38-40°C
Melting range	>=85°C
Total Aerobic microbial count	(By Plate Count Method) : 10,000 cfu/gm
Total Yeast and Mould count	(By Plate Count Method) : 100 cfu/gm
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours with following organisms
Staphylococcus Aureus ATCC 25923	Growth - Good
Escherichia coli ATCC 25922	Growth - Good
Pseudomonas Aeruginosa ATCC 27853	Growth : Good
Streptococcus Pyogenes ATCC 19615	Growth : Good

Other Information

Applications

Specially manufactured to provide clear, high gel strength agar, suitable for use in preparation of microbiological media.

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%)
2.5 Kg	13023100 (GST 18%)
500 Gms	13023100 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

2.5 Kg

Disclaimer

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