



73478

Nutrient Agar BioVeg

Part D

Specifications

Appearance (Colour)	Cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	28.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm comparable with 1.5% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Incubate at 37°C ± 2°C for 18-24 hours
Organism	Escherchia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery : >=70.0%
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery : >=70.0%
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Recovery : >=70.0%
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Recovery : >=70.0%
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Recovery : >=70.0%

Other Information

Applications

General purpose (animal origin free) medium for the cultivation of micro organisms.

Composition	
Ingredients	gm/lt.
Veg. peptone	5.00
Veg. extract	1.50
Yeast extract	1.50
Sodium chloride	5.00
Agar	15.00

Directions

1. Add 28.00gm powder to distilled/purified water.
2. Bring volume to 1 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. Cool to 45-50°C.
6. If desired, aseptically add sterile 5.0 -10.0% defibrinated blood.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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