



14980

Brilliant Green Agar, Modified (I) (Brilliant Green Agar Base w/ Phosphates)

Part D

Specifications

Appearance (Colour)	Pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	52.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	6.9 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Orange-brown
Cultural Response	Inoculate and incubate at 37°C for 24-48 hours
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate: =50%, Colony colour : Red
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth : None-poor, Recovery Rate: =10%, Colony colour : Red
Organism	Escherichia coli ATCC 25922
Inoculum	Growth: Inhibited, Recovery rate : >= 10 ³
Organism	Salmonella enteritidis ATCC 13076
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate: >=50%, Colony colour : Red

Other Information

Applications

For the selective isolation of Salmonellae from faeces, water, food and dairy products.

Composition	
Ingredients	gm/lt.
Peptone	10.00
Beef extract (ex.buffalo)	5.00
Agar	12.00
Yeast extract	3.00
Lactose	10.00
Monosodium phosphate	0.60
Disodium phosphate	1.00
Sucrose	10.00
Brilliant Green	0.0047

Directions

1. Add 52.00 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Do not autoclave.
4. If desired, aseptically add 10.0 ml of Sulpha supplement (34050)

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
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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