



65774

Brilliant Green Agar

Part D

Specifications

Appearance (Colour)	Pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	55.09 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)	Greenish 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 : Pinkish white
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Poor- Good, Recovery Rate : 30-40%, Colony colour : Reddish-pink
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 ³ , Growth : Poor, Recovery Rate : 0-10%, Colony colour : Yellow - green
Organism	Staphylococcus aureus ATCC 25923
Inoculum	>=10 ³ , Growth : Inhibited
Organism	Salmonella enteritidis ATCC 13076
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Colony colour : Pinkish white

Other Information

Applications

For the selective isolation of Salmonella other than S.typhi from faeces, food and dairy products.

Composition	
Ingredients	gm/lt.
Peptone	5.00
Agar	20.00
Lactose	10.00
Sodium chloride	5.00
Tryptone	5.00
Sucrose	10.00
Brilliant Green	0.0125
Phenol Red	0.08

Directions

1. Add 55.09 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.
4. Avoid overheating.

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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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com