



39284

Brilliant Green Sulfa Agar (B.G. Sulpha Agar)

Part D

Specifications

Appearance (Colour)	Pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	59.09 gm/liter
Solubility before autoclaving (Clarity)	Very slightly 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)	Slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Greenish brown
Cultural Response	Inoculate and incubate plates at 35 ± 2°C for 24-48 hours
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : Pink white
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : None - poor Colony colour : Yellow green w/intense yellow - green zone
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth : Inhibited Colony colour : -
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Inhibited Colony colour : -
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Inhibited
Organism	Salmonella enteritidis ATCC 13076
Inoculum (cfu) 10-100	Growth : Good Recovery Rate >=50.0% Colony colour : Pink white w/brilliant red zone

Other Information

Applications

For the selective isolation of Salmonella species, other than Salmonella typhi from food, dairy products, eggs, egg products and feed.

Composition

Ingredients	gm/lt.
Yeast extract	3.00
Proteose peptone no. 3	10.00
Lactose	10.00
Sucrose	10.00

Sodium sulfapyridine	1.00
Sodium chloride	5.00
Agar	20.00
Brilliant Green	0.0125
Phenol Red	0.08

Directions

1. Add 59.09 gm powder to distilled/purified water.
2. Bring volume to 1.0 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. Do not overheat .

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%)

Available Packages

100 Gms
500 Gms

Disclaimer

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