



19814

B.T.B. Lactose Agar

Part D

Specifications

Appearance (Colour)	Greenish yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	33.17 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel
pH (25°C)	8.6 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Greenish blue
Cultural Response	Inoculate and incubate at 37°C for 24-48 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : golden yellow
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : blue/colourless
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : yellow
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : blue/colourless

Other Information

Applications

For the isolation and cultivation of pathogenic Staphylococci.

Composition

Ingredients	gm/lt.
Proteose peptone	5.00
Beef extract (ex.buffalo)	3.00
Agar	15.00
Lactose	10.00
Bromothymol Blue	0.17

Directions

1. Add 33.17 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.

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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