



44956

## Lauryl Sulfate Broth (Lauryl Tryptose Broth) (I)(B/S)

Part D

### Specifications

Appearance (Colour)	Light yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	35.60 gm/liter
Solubility before autoclaving (Clarity)	Clear w/o any precipitate
pH (25°C)	6.8 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear w/o any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light yellow
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Gas production : (+ve) Indole production (at 44°C) : (+ve)
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good Gas production : (+ve) Indole production (at 44°C) : (-ve)
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Gas production : (-ve) Indole production (at 44°C) : (-ve)
Organism	Staphylococcus aureus ATCC 25923
Inoculum	Growth : Inhibited
Organism	Enterococcus faecalis ATCC 29212
Inoculum	Growth : Inhibited

### Other Information

#### Applications

For the detection of coliform bacteria in a variety of specimens. Also for the enumeration of coliform bacteria by the multiple tube fermentation technique.

#### Composition

Ingredients	gm/lt.
Tryptose	20.00
Lactose	5.00
Sodium chloride	5.00
Dipotassium phosphate	2.75
Potassium phosphate	2.75
Sodium lauryl sulphate	0.10

### Directions

1. Add 35.60 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Dispense into test tubes containing inverted Durham's tubes.
4. 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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