



94906

## Lauryl Tryptose Mannitol Broth w/Tryptophan

Part D

### Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	35.80 gm/litre
Prepared Medium Appearance before autoclaving (Clarity)	Clear without any precipitate
pH (25°C)	6.8 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear without any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Yellow
Cultural Response	Inoculate and incubate at 44°C for 24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Indole : (+)ve Gas : (+)ve
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Inhibited Indole : ( - )ve Gas : ( - )ve
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Inhibited Indole : ( - )ve Gas : ( - )ve
Key	(+)ve : Positive (-)ve : Negative

### Other Information

#### Applications

For the detection of Escherichia coli in water samples.

#### Composition

Ingredients	gms/lt.
Tryptose	20.00
Mannitol	5.00
Sodium chloride	5.00
Dipotassium hydrogen phosphate	2.75
Monopotassium phosphate	2.75
Sodium lauryl sulfate	0.10
L-Tryptophan	0.20

#### Directions

1. Add 35.80 gm powder to 1.0 liter of distilled/purified water.
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

## Available Packages

100 Gms
500 Gms

---

### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

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

---