



14593

## Luria Bertani Broth, Lennox (Luria Broth)

Part D

### Specifications

Appearance (Colour)	Light yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	20.00 gm/liter
Solubility before autoclaving (Clarity)	Clear
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear w/o any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours.
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 23724
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 33526 (K802)
Inoculum (cfu) 10-100	Growth : Good

### Other Information

#### Applications

Used for maintaining and propagating Escherichia coli in molecular biology procedures.

#### Composition

Ingredients	gm/lt.
Pancreatic digest of casein	10.00
Yeast extract	5.00
Sodium chloride	5.00

#### Directions

1. Add 20.00 gm powder to 1.0 litre 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. If desired, add 10% dextrose solution, Mix well.
5. Dispense into sterile test tubes or as desired.

### 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%)
2 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle

### Available Packages

100 Gms
500 Gms
2 Kg

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#### Disclaimer

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