



47436

Luria Bertani Agar, Miller

Part D

Specifications

Appearance (Colour)	Light yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm, comparable to 1.5% agar gel
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber 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 Recovery Rate : >=70.0%
Organism	Escherichia coli ATCC 23274
Inoculum (cfu) 10-100	Growth: Good Recovery Rate : >=70.0%

Other Information

Applications

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

Composition

Ingredients	gm/lt.
Agar	15.00
Tryptone	10.00
Yeast extract	5.00
Sodium chloride	10.00

Directions

1. Add 40.00 gm powder to distilled/purified water.
2. Bring volume to 1.0 litre and mix thoroughly.
3. Gently heat and bring to boiling.
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%)

Available Packages

100 Gms

500 Gms

Disclaimer

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