



77121

Lactose Gelatin Medium (I)

Part D

Specifications

Appearance (Colour)	Pink
Appearance (Form)	Coarse, free flowing, homogeneous powder
Solubility	155.0 gm/liter
Solubility before autoclaving (Colour)	Red
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
pH (25°C)	7.5 ± 0.2
Prepared Medium Appearance after autoclaving (Colour)	Red
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Cultural Response	Inoculate and incubate at 37°C for 24-48 hours. For Gelatin liquefaction results....(after incubation)refrigerate tubes at ~5°C for 2 hours, and compare to non-inoculated tubes.
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good Lactose fermentation : (+)ve Gelatin liquefaction : (+)Ve
Organism	Clostridium sporogenes ATCC 11437
Inoculum (cfu) 10-100	Growth : Good Lactose fermentation :(-)ve Gelatin liquefaction : (+) ve
Key	Lactose fermentation : (+)ve : colour of medium changes to yellow Lactose fermentation : (-)ve : no change in colour of medium Gelatin liquefaction : (+)ve : medium turns to liquid Gelatin liquefaction : (-)ve : medium remains solidified

Other Information

Applications

For the cultivation of Clostridium perfringens.

Composition

Ingredients	gms/lt.
Gelatin	120.00
Tryptose	15.00
Lactose	10.00
Yeast extract	10.00
Phenol Red	0.05

Directions

1. Add 155.00 gm powder to 1.0 liter 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

Available Packages

100 Gms
500 Gms

Disclaimer

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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
