



38695

Deoxycholate Lactose Agar

Part D

Specifications

Appearance (Colour)	Pinkish biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	42.53 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Reddish orange
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 :>=50.0%, Colony colour : Pink w/bile precipitate
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate :>=50.0%, Colony colour : Pink may have slight bile precipitate
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50.0%, Colony colour : Colourless
Organism	Bacillus subtilis ATCC 6633
Inoculum	>=10 ³ Growth : Inhibited
Organism	Enterococcus faecalis ATCC 29212
Inoculum	>=10 ³ , Growth : Inhibited

Other Information

Applications

For the isolation and differentiation of Gram-negative enteric bacilli and for enumeration of coliforms from water, waste water, milk and dairy products.

Composition	
Ingredients	gms/lt.
Peptone, special	10.00
Agar	15.00
Lactose	10.00
Sodium chloride	5.00
Sodium citrate	2.00
Sodium deoxycholate	0.50

Neutral Red

0.033

Directions

1. Add 42.53 gm powder to distilled/purified water.
2. Bring volume to 1.0 litre and mix thoroughly.
3. Gently heat and bring to boiling.
4. Do not autoclave or overheat.

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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