



85046

Endo Agar

Part D

Specifications

Appearance (Colour)	Purple
Appearance (Form)	Free flowing, homogeneous powder
Solubility	41.50 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent with fine precipitate
Gel strength (1.5% gel)	Firm, comparable with 1.5% gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent with fine precipitate
Prepared Medium Appearance after autoclaving (Colour)	Organish Pink
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Pink to red with metallic sheen
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Pink, mucoid
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Colourless to very light pink
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Pink, mucoid
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Colourless to pale pink
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Inhibited
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Colourless to very light pink
Organism	Shigella sonnei ATCC 25931
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Colourless to pale pink
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Colourless, irregular
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : None - poor, Colony colour : Pink, small

Other Information

Applications

For the selective isolation, cultivation and differentiation of coliforms and other enteric microorganisms based on their ability to ferment lactose.

Composition

Ingredients	gm/lt.
Peptone	10.00
Agar	15.00
Lactose	10.00
Sodium sulphite	2.50
Dipotassium hydrogen phosphate	3.50
Basic Fucshin	0.50

Directions

1. Add 41.50 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.
5. Dispense into sterile petri plates.

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	
500 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

Disclaimer

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