



75213

Chromed M-Lauryl Sulfate Agar (MLGA)

Part D

Specifications

Dehydrated Appearance	Light yellow to pink, free flowing homogeneous powder
Solubility before autoclaving (Clarity)	Red, very slightly opalescent
Prepared Medium Appearance	Red, very slightly opalescent
pH (25°C)	7.4 ± 0.2
Cultural Response	Inoculate and incubate at 37 °C for 18 - 24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Colour of colony : Green
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good Colour of colony : Yellow, mucoid
Organism	Staphylococcus aureus ATCC 25923
Inoculum	>10 ³ , Growth : Inhibited
Organism	Salmonella enteritidis ATCC 13076
Inoculum (cfu) 10-100	Growth: Good Colour of colony : Pink

Other Information

Applications

For the differentiation and enumeration of Escherichia coli and other coliforms by membrane filter technique.

Composition	
Ingredients	gm/lt.
Peptic digest of animal tissue	40.00
Yeast extract	6.00
Lactose	30.00
Phenol Red	0.20
Chromogen	0.20
Sodium lauryl sulphate	1.00
Sodium pyruvate	0.50
Agar	10.00

Directions

1. Add 87.90 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.

General Information

Storage	2 to 8°C (Refrigerate)
Shelf Life	24 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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