



66805

## M-Endo Agar LES

Part D

### Specifications

Appearance (Colour)	Purple
Appearance (Form)	Free flowing, homogeneous powder
Solubility	51.05 gm/liter
Solubility before boiling (clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.2 ± 0.2
Prepared medium appearance after boiling (clarity)	Clear to very slightly opalescent
Prepared medium appearance after boiling (colour)	Red
Cultural Response	Using membrane filter technique, Inoculate and incubate at 37 ± 2°C for 20- 24 hours
Organism	Escherichia coli ATCC 2592
Inoculum (cfu) 10-100	Growth : Good Colony colour (on membrane filter) : pink with metallic sheen
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Colony colour (on membrane filter) : colorless to very light pink
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good Colony colour (on membrane filter) : pink to red
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good Colony colour (on membrane filter) : pink to red
Organism	Staphylococcus aureus ATCC 25923
Inoculum	Growth : Inhibited

### Other Information

#### Applications

For the enumeration of coliform in water by the membrane filter method.

Composition	
Ingredients	gm/lt.
Tryptone	3.70
Peptone	3.70
Tryptose	7.50
Yeast extract	1.20
Lactose	9.40

Sodium lauryl sulphate	0.05
Sodium deoxycholate	0.10
Sodium sulphite	1.60
Basic Fuchsin	0.80
Dipotassium hydrogen phosphate	3.30
Potassium dihydrogen phosphate	1.00
Sodium chloride	3.70
Agar	15.00

**Directions**

1. Add 51.05 gm powder to 980 ml of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Do NOT Autoclave.
4. Add 20.0 ml of 95.0% ethanol.
5. Dispense 4.0 - 6.0 ml quantities into preferably 60 mm petri plates.

Note: Avoid exposure of plates to direct sunlight.

**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
500 Gms	Plastic Bottle

**Available Packages**

100 Gms
500 Gms

**Disclaimer**

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