



24756

Mueller Hinton Agar (MH Agar)

Part D

Specifications	
Appearance (Colour)	Cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	39.00 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Erythromycin 15 mcg Std Zone :22-30 mm Observed : 22-30 mm
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good Vancomycin 30 mcg Std. Zone : 17-21 mm Observed : 17-21 mm
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Gentamicin 10 mcg Std Zone : 16-21 mm Observed : 16 -21 mm
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Chloramphenicol 30 mcg :Std.Zone : 21-27 mm Observed : 21-27 mm
Key	Perform antibiotic sensitivity tests as per the latest CLSI Protocol and Standards.

Other Information	
Applications	
For antimicrobial susceptibility testing of a variety of microorganisms. For the cultivation and maintenance of Moraxella osloensis and Neisseria meningitidis.	
Composition	
Ingredients	gm/lt.
Agar	17.00
Beef infusion from	300.00
Acid hydrolysate of casein	17.50

Starch

1.50

Directions

- 1. Add 39.00 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.
- 4. 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%)
2 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms
2 Kg

Disclaimer

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