



60062

Mannitol Salt Agar (U/P)

Part D

Specifications

Appearance (Colour)	Light pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	111.025 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Red
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50.0% Colony colour : Yellow
Organism	Staphylococcus aureus ATCC 6538
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50.0% Colony colour : Yellow
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth : Fair-good Recovery rate : >=40.0% Colony colour : Red
Organism	Escherichia coli ATCC 25922
Inoculum	Growth : Inhibited
Organism	Enterobacter aerogenes ATCC 13048
Inoculum	Growth : Inhibited

Other Information

Applications

Used for the selective isolation, cultivation and enumeration of staphylococci from clinical and non-clinical specimens.

Composition	
Ingredients	gm/lt.
Agar	15.00
Peptone	5.00
Sodium chloride	75.00
D-Mannitol	10.00
Enzymatic digest of casein	5.00
Beef extract (ex.buffalo)	1.00
Phenol Red	0.025

Directions

1. Add 111.025 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.

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%)

Available Packages

100 Gms
500 Gms

Disclaimer

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