



65621

ChroMed MeReSA Agar

Part D

Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	83.30 gm/liter
Solubility before autoclaving (Clarity)	Very slightly opalescent
Gel strength	Firm, comparable with 1.5% gel strength
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent w/o any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate with added supplements. Cultural characteristics observed with added MRSA Selective Supplement and Cefoxitin Supplement after an incubation at 30-35°C for 18-48 hours
Organism	Staphylococcus aureus MRSA ATCC 43300
Inoculum (cfu) 10-100	Growth w/supplement : Good Recovery rate : >=50.0% Colony colour : Light blue-green
Organism	Staphylococcus aureus ATCC 25923
Inoculum	Growth w/supplement : Inhibited
Organism	Staphylococcus aureus ATCC 65328
Inoculum	Growth w/supplement : Inhibited
Organism	Escherichia coli ATCC 25922
Inoculum	Growth w/supplement : Inhibited
Organism	Enterococcus faecalis ATCC 29212
Inoculum	Growth w/supplement : Inhibited

Other Information

Applications

A chromogenic media recommended for the isolation and selective identification of Methicillin Resistant Staphylococcus aureus (MRSA) from clinical isolates.

Composition

Ingredients	gm/lt.
Peptone	13.00
Beef extract (ex.buffalo)	2.50
Yeast extract	2.50
Sodium chloride	40.00
Chromogenic mixture	5.30

Sodium pyruvate	5.00
Agar	15.00

Directions

1. Add 41.65 gm powder to distilled/purified water.
2. Bring volume to 500.0 ml and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. If desired, dispense aseptically contents of one vial of MRSA Selective Supplement and Cefoxitin Supplement.
6. Mix well and pour into sterile plates.

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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