



98664

MacConkey Sorbitol Agar (Sorbitol Agar)

Part D

Specifications

Appearance (Colour)	Pinkish beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	50.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Purplish red
Cultural Response	Inoculate and incubate at 370C for 18-24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Colony colour : pink w/bile precipitate
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good Colony colour : pink to red
Organism	Escherichia coli O157:H7 NCTC 29900
Inoculum (cfu) 10-100	Growth : Good Colony colour : colourless
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Fair to Good Colony colour : colourless

Other Information

Applications

For the isolation and identification of pathogenic Escherichia coli.

Composition	
Ingredients	gm/lt.
Peptic digest of animal tissue	17.00
Proteose peptone	3.00
Sorbitol	10.00
Bile salts	1.50
Sodium chloride	5.00
Neutral Red	0.03
Crystal Violet	0.001
Agar	15.30

Directions

1. Add 50.00 gm powder to 1.0 liter of 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

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com