



46584

Mitis Salivaris Agar Base

Part D

Specifications

Appearance (Colour)	Light yellow to light blue
Appearance (Form)	Free flowing, homogeneous powder
Solubility	90.07 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Dark blue
Cultural Response	Inoculate and Incubate at 35 -37°C for 18 - 48 hours
Organism	Enterococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >= 50.0% Colony colour : blue-black
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : > =50.0% Colony colour : blue
Organism	Streptococcus salivarius ATCC 13413
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >= 50.0% Colony colour : blue (gum drop)
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 ³ Growth : Inhibited
Organism	Staphylococcus aureus ATCC 25923
Inoculum	>=10 ³ Growth :Inhibited

Other Information

Applications

Selective medium for the isolation of streptococci and enterococci from clinical specimens.

Composition	
Ingredients	gms/lt.
Tryptone	15.00
Peptone	5.00
Dextrose	1.00
Sucrose	50.00
Dipotassium phosphate	4.00

Trypan Blue	0.075
Crystal Violet	0.0008
Agar	15.00

Directions

1. Add 90.07 gms powder to 1.0 liter distilled/purified water.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.
4. Cool to 45-50°C and aseptically, add 1 ml of sterile 1% Potassium Tellurite solution (91488).
5. Mix well.

General Information

Storage	8 to 25°C (Cool & Dry Area)
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
500 Gms	38210000 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

Available Packages

500 Gms

Disclaimer

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