24562

Baird-Parker Agar, Base (B/S)

Part D

Specifications

Appearance (Colour)	Light tan
Appearance (Form)	Free flowing, homogeneous powder
Solubility	65.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% Agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Opaque
Prepared Medium Appearance after autoclaving (Colour)	Yellow
Cultural Response	Inoculate and incubate at 37°C for 24-48 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Colony colour : Grey -Black, Lecithinase halo : (+)
Organism	Staphylococcus aureus ATCC 6538
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Colony colour : Grey -Black, Lecithinase halo : (+)
Organism	Proteus mirabilis ATCC 25933
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Colony colour : Brown - Black, Lecithinase halo : (-)
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth : Poor - good, Recovery Rate : 30 - 40%, Colony colour : Black, Lecithinase halo : (-)
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Poor- fair, Recovery Rate : 0 - 10%, Colony colour : Brown -Black, Lecithinase halo : (-)
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : None - poor, Recovery Rate : 0 - 10%, Colony colour : Brown black, Lecithinase halo : (-)
Organism	Micrococcus luteus ATCC 10240
Inoculum (cfu) 10-100	Growth : None -poor, Recovery Rate : 30 - 40%, Colony colour : Very small shades of black -brown, Lecithinase halo : (-)
Key	Lecithinase halo : (+) indicates opaque zone around colony Lecithinase halo : (-) indicates no opaque zone around colony

Other Information

Applications

Recommended medium for isolation and enumeration of coagulase positive staphylococci from food and other specimens.

Composition	
Ingredients	gm/lt.
Agar	22.00
L-Glycine	12.00
Sodium pyruvate	10.00
Pancreatic digest of casein	10.00
Meat extract	5.00
Lithium chloride	5.00
Yeast extract	1.00

Directions

1. Add 65.00 gm powder to 940.0 ml 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. Cool to 45-50°C.
5. Add aseptically 10 ml sterile 1% Potassium tellurite solution (91488) and mix well.
6. Add 50 ml of sterile egg yolk emulsion.
7. Mix well.

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%)
Type of Packing	
100 Gms	Plastic Bottle
500 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

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