



21748

Baird-Parker Agar Base w/Sulpha

Part D

Specifications

Appearance (Colour)	Cream to yellow coloured
Appearance (Form)	Free flowing, homogeneous powder
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Solubility	63.05 gm/liter
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 very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 35°C - 37°C for 24-48 hours
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : None- poor, Recovery : =10%, Colony colour : Dark Brown Matt, Lecithinase : (-)
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good, Recovery : =>50%, Colony colour : Grey - Black shiny, Lecithinase : (+)
Organism	Proteus mirabilis ATCC 25933
Inoculum (cfu) 10-100	Growth : None- poor, Recovery : =10%, Colony colour : Brown - Black w/o swarming, Lecithinase : (-)
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : None- poor, Recovery : =10%, Colony colour : Large Brown - Black, Lecithinase : (-)
Organism	Micrococcus luteus ATCC 10240
Inoculum (cfu) 10-100	Growth : Fair - good, Recovery : =30-40%, Colony colour : very small Brown-Black, Lecithinase : (-)
Key	Lecithinase halo : (+) indicates halo around colony Lecithinase halo : (-) indicates no halo around colony

Other Information

Applications

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

Composition	
Ingredients	gm/lt.
Casein enzymic hydrolysate	10.00
Beef extract	5.00
Yeast extract	1.00

Glycine	12.00
Sodium pyruvate	10.00
Lithium chloride	5.00
Agar	20.00
Sulphamethazine	0.05

Directions

- 1. Add 63.05 gm powder to 950.0 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. Aseptically add 50 ml egg yolk emulsion and 3 ml of sterile 3.5% Potassium Tellurite solution(99482).
- 5. 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%)

Available Packages

100 Gms
500 Gms

Disclaimer

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