



48794

Blood Agar Base

Part D

Specifications

Appearance (Colour)	Yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber Note: After addition of 5% sterile defibrinated blood: Cherry red, opaque
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70% Haemolysis : Beta
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70% Haemolysis : None
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=70% Haemolysis : Beta

Other Information

Applications

For the preparation of blood agar by the addition of sheep blood.

Composition

Ingredients	gm/lt.
Agar	15.00
Sodium chloride	5.00
Pancreatic digest of casein	13.00
Yeast extract	5.00
Heart muscle solids from infusion	2.00

Directions

1. Add 40.00 gm powder to distilled/purified water.
2. Bring volume to 950 ml and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. Cool to 45-50°C.
6. Add aseptically 50.0 ml sterile defibrinated sheep blood, Mix thoroughly.

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

Available Packages

100 Gms
500 Gms

Disclaimer

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