



67644

Blood Agar Base No.2 (w/ 1.2% Agar)

Part D

Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	39.50 gm/liter
Solubility before autoclaving (Clarity)	Very slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.2% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	blood agar base no.2 Medium to dark amber (Note : After addition of 5% sterile defibrinated blood: Cherry red, opaque)
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours.
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth wo/blood : Good Recovery Rate : >=70% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : Beta
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth wo/blood : Fair-Good Recovery Rate : ~50% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : Beta
Organism	Streptococcus pneumoniae ATCC 6303
Inoculum (cfu) 10-100	Growth wo/blood : Fair- Good Recovery Rate : ~50% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : Alpha
Organism	Neisseria meningitidis ATCC 13090
Inoculum (cfu) 10-100	Growth wo/blood : Fair- Good Recovery Rate : ~50% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : None

Other Information

Applications

For the isolation, cultivation and detection of haemolytic activity of streptococci, pneumococci and other particularly fastidious microorganisms.

Composition

Ingredients	gms/lt.
Agar	12.00

Sodium chloride	5.00
Proteose peptone	15.00
Yeast extract	5.00
Liver extract	2.50

Directions

1. Add 39.50 gm 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.
5. Add aseptically 5-10% sterile defibrinated blood and mix thoroughly.
6. Dispense into sterile petri plates.

General Information

Storage	8 to 25°C (Cool & Dry Area)
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

Disclaimer

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