



47253

Tryptose Blood Agar Base

Part D

Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	33.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber (On addition of 5% defibrinated sheep blood, cherry red, opaque)
Cultural Response	Incubate at 35 - 37°C for 18-48 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth w/o blood : Good Recovery Rate : >=70% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : Beta
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth w/o blood : Fair-Good Recovery Rate : ~50% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : None
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth w/oblood : Fair-Good Recovery Rate : ~50% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : Beta
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth w/o 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 w/o 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 w/o blood : Fair-Good Recovery Rate : ~50% Growth w/blood : Good Recovery Rate : >=70% Haemolysis : None

Other Information

Applications

For the cultivation and maintenance of a wide variety of fastidious microorganisms.

Composition

Ingredients	gms/ltr.
Tryptose	10.00
Beef extract(ex. buffalo)	3.00
Sodium chloride	5.00
Agar	15.00

Directions

1. Add 33.00 gm powder to distilled/purified water.
2. Bring volume to 1.0 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 121°C at 15 psi for 15 minutes.
5. Cool to 45-50°C and aseptically add 5% sterile defibrinated blood and mix thoroughly.
6. Dispense into sterile petri plates.

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

Disclaimer

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