



24392

Tryptone Soya Broth (TSB) (Soyabean Casein Digest Medium, SCDM)

Part D

Specifications

Appearance (Colour)	Light cream
Appearance (Form)	Free flowing powder
Solubility	30.00 gms/lit
Solubility after autoclaving (Clarity)	Clear without any precipitate
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance before autoclaving (Clarity)	Clear
Prepared Medium Appearance after autoclaving (Colour)	Clear without any precipitate
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours and at 25°C for fungal * organisms
Organism	Salmonella typhimurium A ATCC 14028
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 8739
Inoculum (cfu) 10-100	Growth : Good
Organism	Micrococcus luteus ATCC 9341
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 6538
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good
Organism	Candida albicans * ATCC 10231
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

For the cultivation of a variety of microorganisms.

Composition

Ingredients

gm/lt.

Pancreatic digest of casein	17.00
Dextrose	2.50
Sodium chloride	5.00
Papaic digest of soyabean meal	3.00
Dipotassium hydrogen phosphate	2.50

Directions

1. Add 30.00 gm powder to distilled/purified water.
2. Bring volume to 1.0 litre and mix thoroughly.
3. Gently heat and bring to boiling.
4. Dispense into test tubes.
5. Autoclave at 15 psi pressure at 121°C for 15 minutes.

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%)
2 Kg	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms
2 Kg

Disclaimer

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