



20407

Tryptone Soya Agar (TSA) (Soyabean Casein Digest Agar, SCDA)

Part D

Specifications

Appearance (Colour)	Light cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.00 gm/liter
Solubility before autoclaving (Clarity)	Very slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber to medium amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Bacteroides vulgatus ATCC 8482
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%

Other Information

Applications

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

Composition

Ingredients	gm/lt.
Agar	15.00
Pancreatic digest of casein	15.00
Sodium chloride	5.00
Pancreatic digest of soybean meal	5.00

Directions

1. Add 40.00 gm powder to 1.0 litre 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.

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	
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms
2 Kg

Disclaimer

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