



77892

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

Part D

Specifications	
Appearance (Colour)	Cream to light 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% 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)	Cream to light yellow
Cultural Response	Inoculate and incubate at 35 ± 2° C for 18- 24 hours.
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Haemolysis : Beta
Organism	Bacteroides vulgatus ATCC 8482
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Heamolysis : None
Organism	Candida albicans* ATCC 10231
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Heamolysis : ----
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Heamolysis : None
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0% Heamolysis : Beta
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0%
Organism	Salmonella typhi ATCC 14028
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0%
Organism	Micrococcus luteus ATCC 9341
Inoculum (cfu) 10-100	Growth w/blood : Good Growth w/o blood : Good Recovery Rate : >=70.0%

Other Information

Applications

For isolation and cultivation of fastidious and non-fastidious microorganisms in pharmaceutical testing according to harmonized methods.

Composition

Ingredients	gm/lt.
Pancreatic digest of casein	15.00
Papaic digest of soybeanmeal	5.00
Sodium chloride	5.00
Agar	15.00

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	
100 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

2 Kg

Disclaimer

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