



## 28501

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

Part D

#### Specifications

Appearance (Colour)	Light biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	30.00 gm/liter
Solubility before autoclaving (Clarity)	Clear
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 35 ± 2°C for 18-24 hours or upto 7 days in case of fungi*.
Organism	Candida albicans * ATCC 10231
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 20 - 25°C
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Bacteroides vulgatus ATCC 8482
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Clostridium sporogenes ATCC 19404
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Staphylococcus epidermidis ATCC 12228
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C
Organism	Micrococcus luteus ATCC 9341
Inoculum (cfu) 10-100	Growth : Good Incubation temperature : 35 ± 2°C

#### Other Information

## Applications

A nutritious general purpose medium used for the growth of a wide variety of bacteria and fungi.

### Composition

Ingredients	gm/lt.
Papaic digest of soybeanmeal	3.00
Dipotassium phosphate	2.50
Enzymatic digest of casein	17.00
Sodium chloride	5.00
Glucose	2.50

### Directions

1. Add 30.00 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Dispense into test tubes or as desired.
4. 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%)

## Available Packages

100 Gms

500 Gms

2 Kg

### Disclaimer

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