



47404

**Soyabean Casein Digest Medium (SCDM)**  
**(Tryptone Soya Broth, TSB), Sterile (Gamma Irradiated)**

Part D

**Specifications**

Appearance (Colour)	Light beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	30.00 gm/liter
Solubility after boiling (Clarity)	Light amber, clear without any precipitate
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance	Light amber, clear without any precipitate
Sterility (Bacterial count)	No growth is observed after 14 days at 30-35°C incubation for bacteria and at 20-25°C for fungi.
Stability (After autoclaving)	Stability test : Light amber, clear solution without any precipitation or sedimentation at room temperature for 7 days.
Cultural Response	Inoculate and incubate at 35 ± 2°C for 18-48 hours or upto 7 days
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth :- Good Incubation temperature :- 35 ± 2°C
Organism	Escherichia coli ATCC 8739
Inoculum (cfu) 10-100	Growth :- Good Incubation temperature :- 35 ± 2°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	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth :- Good Incubation temperature :- 20 - 25°C

## Other Information

### Applications

Gamma irradiated sterile powder used for the growth of wide variety of bacteria and fungi.

### Composition

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

### Directions

1. Sterile powder can be used directly.
2. For preparation of sterile liquid medium, aseptically add 30.00 gms in 1.0 liter of distilled/deionised water.
3. Gently heat to dissolve the medium.
4. Do not autoclave or overheat.

Note : If desired, filter solution through 0.22 micron filter to eliminate any possibility of presence of fibres.

## General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
500 Gms	38210000 (GST 18%)

## Available Packages

500 Gms

### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com