



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

Ingredientsgm/lit.

|                                |       |
|--------------------------------|-------|
| 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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