



52978

Differential Reinforced Clostridial Broth, Base (I)

Part D

Specifications

| | |
|--------------------------------------------------------|----------------------------------------------------|
| Appearance (Colour) | Yellow |
| Appearance (Form) | Free flowing, homogeneous powder |
| Solubility | 29.00 gm/liter |
| Solubility before autoclaving (Clarity) | Clear to very slightly opalescent. |
| pH (25°C) | 7.2 ± 0.2 |
| Prepared Medium Appearance after autoclaving (Clarity) | Clear without any precipitate |
| Prepared Medium Appearance after autoclaving (Colour) | Light amber |
| Cultural Response | Inoculate and incubate at 30°C for upto 1 week |
| Organism | Clostridium perfringens ATCC 13124 |
| Inoculum (cfu) 10-100 | Growth : Good H ₂ S production : (+) |
| Organism | Clostridium sporogenes ATCC 11437 |
| Inoculum (cfu) 10-100 | Growth : Good H ₂ S production : (+) |
| Key | (+) : Blackening of medium |

Other Information

Applications

For the cultivation of Clostridia from water samples.

Composition

| Ingredients | gm/lt. |
|--------------------------|--------|
| Tryptose | 10.00 |
| Meat extract | 10.00 |
| Sodium acetate, hydrated | 5.00 |
| Yeast extract | 1.50 |
| Starch | 1.00 |
| Dextrose | 1.00 |
| L-cysteine hydrochloride | 0.50 |

Directions

1. Add 29.00 gm powder to 1.0 liter of 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.
4. To 25 ml of single strength medium, add 0.5 ml of filter sterilized solution prepared by mixing equal volumes of 4.0% Sodium sulphite and 7.0% Ferric citrate.
5. To 10.0 ml or 50.0 ml double strength medium, add 0.4 ml and 2.0 ml of the above solution.

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%) |
| 500 Gms | 38210000 (GST 18%) |
| Type of Packing | |
| 100 Gms | Plastic Bottle |
| 500 Gms | Plastic Bottle |

Available Packages

100 Gms

500 Gms

Disclaimer

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