



27548

Differential Reinforced Clostridial Broth, Base

Part D

Specifications

Appearance (Colour)	Yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	29.00 gm/liter
Solubility before autoclaving (Clarity)	Clear without any precipitate
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.
Peptic digest of animal tissue	10.00
Beef extract (ex.buffalo)	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% Sodium sulphite and 7% Ferric citrate.
5. To 10 ml or 50 ml double strength medium, add 0.4 ml and 2 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

Available Packages

100 Gms

500 Gms

Disclaimer

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