



39422

Alternative Thioglycollate Medium, Sterile

Part D

Specifications	
Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	29.00 gm/liter
Solubility before autoclaving (Clarity)	Clear w/o any precipitate
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear w/o any precipitate
Sterility (Bacterial count)	No bacterial and fungal growth is observed after 14 days at 37°C.
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Cultural Response	Inoculate and incubate at 30° - 35°C for not more than 3 days
Organism	Clostridium sporogenes ATCC 19404
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacteriodes vulgatus ATCC 8482
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Staphylococcus aureus ATCC 6538 P
Inoculum (cfu) 10-100	Growth : Good
Organism	Psuedomonas aeruginosa ATCC 9027
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	Clostridium prefringens ATCC 13124
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacteriodes fragilis ATCC 23745
Inoculum (cfu) 10-100	Growth : Good
Other Information	
<b>Applications</b>	
Gamma irradiated sterile powder used for sterility testing of biological products which are turbid or viscous.	
<b>Composition</b>	
Ingredients	gm/lit.
Casein enzymic hydrolysate	15.00

Yeast extract	5.00
Sodium chloride	2.50
L-Cystine	0.50
Sodium thioglycollate	0.50

**Directions**

1. Add 29.00gm powder to 1000 ml distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Do not autoclave and overheat.

**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%)

**Available Packages**

100 Gms
500 Gms

**Disclaimer**

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