



52023

Alternative Thioglycollate Medium (I/P)(U/P)

Part D

Specifications

Appearance (Colour)	Beige to tan
Appearance (Form)	Free flowing, homogeneous powder
Solubility	29.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent may have slight precipitate
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent may have slight precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 30-35°C for upto 24 - 72 hours
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good
Organism	Clostridium sporogenes ATCC 11437
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good
Organism	Bacteroides vulgatus ATCC 8482
Inoculum (cfu) 10-100	Growth : Good
Organism	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth : Good
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

For the sterility testing of biological products which are turbid or viscous as mentioned in pharmacopeia.

Composition

Ingredients	gm/lt.
Yeast extract	5.00
Enzymatic hydrolysate of casein	15.00
Dextrose	5.50
Sodium chloride	2.50
L-Cystine	0.50
Sodium thioglycollate	0.50

Directions

1. Add 29.00 gm powder to 1.0 liter distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Dispense into test tubes.
4. 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%)
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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