



55052

TTC Solution 1% (10ml/vl)

Part D

Specifications

Appearance (Colour)	Clear solution
Solubility	1.0 %, Clear solution
Cultural Response	Cultural characteristics observed after inoculation with following organisms at 37°C for 24 hours on Lactose TTC Agar using TTC solution 1.0% (55052).
Organism	<i>Pseudomonas aeruginosa</i> ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Colony colour : red with blue corona
Organism	<i>Proteus mirabilis</i> ATCC 25933
Inoculum (cfu) 10-100	Growth : Good Colony colour : red with blue corona
Organism	<i>Escherichia coli</i> ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Colony colour : orange yellow with yellow corona
Organism	<i>Staphylococcus aureus</i> ATCC 25923
Inoculum	Growth : Inhibited
Organism	<i>Salmonella typhimurium</i> ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Colony colour : red with blue corona
Organism	<i>Shigella flexneri</i> ATCC 12022
Inoculum (cfu) 10-100	Growth : Good Colony colour : red with blue corona

Other Information

Applications

Used for detecting microorganisms on the basis of TTC reduction.

Composition

2, 3, 5- Triphenyl Tetrazolium chloride	0.1 gm
Distilled water	10.0 ml

Directions

1. Aseptically, add to sterile cooled media at 45-50°C.
 2. Mix well and pour into sterile petri plates.
- Add following quantity in 1.0 liter media
- 2.5 ml :
- Modified Tergitol-7 Agar Base
 - M Tergitol-7 Agar Base w/Meat Extract
 - Lactose TTC Agar (70637)
- 3 ml :
- Tergitol 7 Agar Base
 - Tergitol 7 Broth
 - Tergitol 7 Agar H
 - Tryptone Sucrose Tetrazolium Agar base
- 5 ml :
- Crystal Tetrazolium Agar Base (91022)
- 10 ml :
- CAE Agar Base (16574)
 - KF Streptococcus Agar Base (64342)
 - KF Streptococcus Broth Base
 - KF Streptococcus Broth Base w/BCP
 - L.S. Differential Medium Base
 - M-Azide Broth
 - M-Slanetz Enterococcus Broth Base
 - Motility Medium S ,Base (90174)
 - Pagano levin Base (35973)
 - SM Selective Agar Base
 - MUD SF Broth Base
- 15 ml :
- M-Enterococcus Agar Base, Modified

General Information

Storage	2 to 8°C (Refrigerate)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
5 vl	38229090 (GST 12%)
5 x5 vl	38229090 (GST 12%)
Type of Packing	
5 vl	Glass Bottle

Available Packages

5 vl
5 x5 vl

Disclaimer

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