



90174

Motility Medium S, Base

Part D

Specifications

Appearance (Colour)	Yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	60.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours.
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good, Motility : +, TTC Reduction : +
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good, Motility : +, TTC Reduction : +
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good, Motility : -, TTC Reduction : +
Organism	Proteus mirabilis ATCC 25933
Inoculum (cfu) 10-100	Growth : Good, Motility : -, TTC Reduction : +
Key	Motility : + indicates motility, growth away from stab line. Motility : - indicates no motility TTC Reduction : + indicates red to maroon colour TTC Reduction : - indicates no red to maroon colour

Other Information

Applications

For the determination of bacterial motility by means of TTC reduction.

Composition	
Ingredients	gm/lt.
Beef heart infusion, from	500.00
Tryptose	10.00
Sodium chloride	5.00
Gelatin	30.00
Dipotassium phosphate	2.00
Potassium nitrate	2.00
Agar	1.00

Directions

1. Add 60.00 gm powder to 1.0 litre 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. Cool to 45-50 °C and aseptically add 10ml of 1% TTC solution (55052).
5. Mix well and dispense into sterile test tubes.

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

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com