



65489

Thioglycollate Agar

Part D

Specifications	
Appearance (Colour)	Light to medium amber
Appearance (Form)	Free flowing, homogeneous powder
Solubility	49.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5 % agar gel
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber, turns slightly red due to aeration on standing
Cultural Response	Inoculate and Incubate at 35°-37°C for 40-48 hours under anaerobic conditions
Organism	Clostridium botulinum ATCC 25763
Inoculum (cfu) 10-100	Growth : Good, Recovery : >=50%
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good, Recovery : >=50%
Organism	Clostridium sporogens ATCC 11437
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate: >=50%

Other Information	
Applications	
Used for the growth and cultivation of anaerobic microorganisms.	
Composition	
Ingredients	gm/lt.
Enzymatic digest of casein	15.00
L-Cystine	0.50
Dextrose	5.50
Yeast extract	5.00
Sodium chloride	2.50
Sodium thioglycollate	0.50
Resazurin	0.001
Agar	20.00
Directions	
1. Add 49.00 gm powder to distilled/purified water.	
2. Bring volume to 1.0 litre and mix thoroughly.	
3. Gently heat and bring to boiling.	
4. Autoclave at 15 psi pressure at 151°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

Available Packages

100 Gms
500 Gms

Disclaimer

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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