



50223

Dextrose Tryptone Agar

Part D

Specifications

Appearance (Colour)	Light greenish biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	30.00 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	6.7 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Purple
Cultural Response	Inoculate and incubate at 550C for 36-48 hours
Organism	Bacillus coagulans ATCC 8038
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : > 50 - 70.0%, Colony colour : Yellow
Organism	Bacillus stearotherophilus ATCC 7953
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >50 - 70.0%, Colony colour : Yellow
Organism	Bacillus brevis ATCC 8246
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >50 - 70.0%, Colony colour : Yellow

Other Information

Applications

For the isolation and cultivation of mesophilic and thermophilic aerobic microorganisms related to food spoilage.

Composition

Ingredients	gms/lt.
Tryptone	10.00
Dextrose	5.00
Bromocresol Purple	0.04
Agar	15.00

Directions

1. Add 30.00 gm powder to 1.0 liter 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.

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
