82302

Tryptose Cycloserine Dextrose Agar Base

Part D

Specifications

Appearance (Colour)	Beige w/brownish tint
Appearance (Form)	Free, flowing homogeneous powder
Solubility	46.00 gms/lit.
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm,comparable with 2.0% agar gel.
pH (25°C)	7.4 - 7.8
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Cultural Response	Inoculate and incubate at 35 -37°C for 18 - 48 hours with added T.S.C.Supplement with following organisms
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Clostridium perfringens ATCC 11437
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%

Other Information

Applications

Used for isolation of mesophilic spore forming anaerobes in food spoilage.

Composition	
Ingredients	gms/lt.
Tryptose	15.00
Papaic digest of soyabean meal	5.00
Yeast extract	5.00
Ferric ammonium citrate	1.00
Agar	20.00

Directions

1. Add 23.00 gm powder to 500.0 ml distilled/purified water and mix thoroughly.
2. If desired,add 0.5 to 1.0% dextrose.
3. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 10 minutes.
4. Cool to 45-50°C and aseptically,add one vial of T.S.C.Supplement (55688). Mix well and pour in petriplates.

General Information

IMDG Identification	Not Regulated for Transport (Non-Haz)

Available Packages
100 Gms
500 Gms

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