



52496

ChroMed TBX Agar (E.coli Agar Modified)

Part D

Specifications

Appearance (Colour)	Light biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	36.55 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 very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 44°C for 18-24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Colony Colour : Blue- green
Organism	Klebsiella Pneumoniae ATCC 29665
Inoculum (cfu) 10-100	Growth : Poor - fair Colony Colour : colourless
Organism	Staphylococcus aureus ATCC 25923
Inoculum	Growth : Inhibited
Organism	Enterococcus faecalis ATCC 29212
Inoculum	Growth : Inhibited

Other Information

Applications

A selective chromogenic medium used for the detection and enumeration of Escherichia coli in food samples, animal feeds and water.

Composition

Ingredients	gm/lt.
Peptone	20.00
Bile salts	1.50
X-Glucuronide	0.075
Agar	15.00

Directions

1. Add 36.57 gm powder to 1.0 liter of 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	2 to 8°C (Refrigerate)
Shelf Life	24 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
500 Gms	Plastic Bottle

Available Packages

100 Gms

500 Gms

Disclaimer

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