



78355

ChroMed Bacillus Cereus Agar

Part D

Specifications

Appearance (Colour)	Light beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	49.22 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Red coloured
Cultural Response	Inoculate and incubate at 35°C for 24 - 48 hours
Organism	Bacillus cereus ATCC 10876
Inoculum (cfu) 10-100	Growth : Good Colony colour : Blue Growth with addition of Bacillus selective supplement : Good Recovery : >=50%
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Fair Colony colour : Yellowish-green Growth with addition of 35980 Recovery : 0%

Other Information

Applications

A chromogenic medium used for the isolation of Bacillus species from a mixed culture in foods, clinical and non-clinical samples.

Composition

Ingredients	gm/lt.
Peptic digest of animal tissue	10.00
D-Mannitol	10.00
Meat extract	1.00
Sodium chloride	10.00
Chromogenic mixture	3.20
Phenol Red	0.025
Agar	15.00

Directions

1. Add 49.22 gm powder to 1000 ml 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.
4. Cool to 45- 50°C ; if desired add 1 vial of Polymyxin B Selective Supplement (35980).Mix well and dispense in petri plates.

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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