



74664

Bacillus Cereus Agar

Part D

Specifications

Appearance (Colour)	Cream to greenish yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.97 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength (1.5% gel)	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)	Green. After addition of 5.0% egg yolk emulsion: Yellowish green, opaque
Cultural Response	Inoculate and incubate at 37°C for 24 hours with the following
Organism	Bacillus cereus ATCC 10876
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=50.0%, Colony colour :Blue, Egg Yolk Reaction : Precipitation
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=50.0%, Colony colour : Yellow, Egg Yolk Reaction : Clearing
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth :Good, Recovery rate : >=50.0%, Colony colour :Green, Egg Yolk Reaction : -
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 ³ ,Growth : Inhibited

Other Information

Applications

Used for the isolation and enumeration of Bacillus cereus.

Composition

Ingredients	gm/lt.
Peptone	1.00
Mannitol	10.00
Sodium chloride	2.00
Magnesium sulphate	0.10
Disodium phosphate	2.50
Monopotassium phosphate	0.25

Sodium pyruvate	10.00
Bromothymol Blue	0.12
Agar	15.00

Directions

1. Add 20.50 gm powder to 475.0 ml 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 50°C. Aseptically add 25 ml of sterile egg yolk emulsion and rehydrated contents of 1 vial of Polymixin B Selective Supplement. (35980).

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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