



40980

## Clostridium Botulinum Isolation Agar, Base

Part D

### Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	74.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent. After addition of Egg Yolk Emulsion and CBI Supplement: Light yellow, very slightly opalescent.
Prepared Medium Appearance after autoclaving (Colour)	Basal Medium : Light yellow
Cultural Response	Inoculate and incubate at 35-37°C for upto 40-48 hours.
Organism	Clostridium botulinum ATCC 25763
Inoculum (cfu) 10-100	Growth : Good Lecithinase : +ve

### Other Information

#### Applications

For the isolation, cultivation and differentiation of Clostridium botulinum from food samples.

Composition	
Ingredients	gm/lt.
Pancreatic digest of casein	40.00
Yeast extract	5.00
Sodium chloride	2.00
Dextrose	2.00
Disodium phosphate	5.00
Magnesium sulphate	0.01
Agar	20.00

#### Directions

1. Add 74.00 gm powder to 900 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.
5. Aseptically add 100 ml of egg yolk emulsion and 4 ml of CBI Supplement. (18871).

### 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
500 Gms	Plastic Bottle

### Available Packages

100 Gms

500 Gms

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#### Disclaimer

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