



58323

## Charcoal Agar

Part D

### Specifications

Appearance (Colour)	Grey
Appearance (Form)	Free flowing, homogeneous powder
Solubility	62.50 gm/liter
Solubility before autoclaving (Clarity)	Opaque solution with precipitate
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Opaque with precipitate
Prepared Medium Appearance after autoclaving (Colour)	Black
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24-48 hours
Organism	Bordetella bronchiseptica ATCC 4617
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%
Organism	Bordetella pertussis ATCC 8467
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%
Organism	Staphylococcus aureus ATCC 25923
Inoculum	>=10 <sup>3</sup> , Growth : Inhibited

### Other Information

#### Applications

For the cultivation and maintenance of fastidious microorganisms, especially *Bordetella pertussis*, for production of vaccines.

#### Composition

Ingredients	gm/lt.
Beef heart infusion from	500.00
Peptone	10.00
Yeast extract	3.50
Sodium chloride	5.00
Starch soluble	10.00
Charcoal	4.00
Agar	18.00

#### Directions

1. Add 62.50 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.
4. If desired, add aseptically 10% of sterile defibrinated blood and rehydrated contents of 1 vial of *Bordetella* Selective Supplement (66006) to 500 ml of medium.

## 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

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### Disclaimer

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