



81083

Blood Free Campylobacter Selectivity Agar Base

Part D

Specifications

Appearance (Colour)	Grey to black
Appearance (Form)	Free flowing, homogeneous powder
Solubility	45.5 gm/liter
Gel strength	Firm, comparable with 1.2% agar gel
Prepared Medium Appearance before autoclaving (Clarity)	Opaque gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Opaque gel
Prepared Medium Appearance after autoclaving (Colour)	Black
Cultural Response	Inoculate and incubate at 42°C for 24-48 hours under microaerophilic conditions
Organism	Campylobacter coli ATCC 33559
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50% Colony colour : Creamy grey
Organism	Campylobacter jejuni ATCC 29428
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50% Colony colour : Grey
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 ³ Growth : Inhibited

Other Information

Applications

Used for the selective isolation and differentiation of Campylobacter species from food and animal feeding stuffs. This medium is recommended by ISO 10272-1 & 2:2017.

Composition

Ingredients	gms/lt.
Tryptone	3.00
Peptone	10.00
Beef extract (ex. buffalo)	10.00
Sodium chloride	5.00
Sodium deoxycholate	1.00
Sodium pyruvate	0.25
Activated charcoal	4.00
Ferrous sulphate	0.25
Agar	12.00

Directions

1. Add 22.75 gm powder to 500 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, aseptically add rehydrated contents of 1 vial of Campylobacter Supplement.
5. Mix well and pour in sterile petri plates.

General Information

Storage	8 to 25°C (Cool & Dry Area)
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms

500 Gms

Disclaimer

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