



25867

Campylobacter Agar Base

Part D

Specifications

Appearance (Colour)	Yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	39.50 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
Prepared Medium Appearance after autoclaving (Colour)	Yellow, after addition of 5.0 -7.0% lysed blood forms reddish brown colored opalescent gel.
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24 - 48 hours with the following :
Organism	Campylobacter fetus subsp.jejuni ATCC 29428
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50.0%,grey -brown colonies
Organism	Campylobacter jejuni ATCC 33560
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50.0%,grey -brown colonies
Organism	Candida albicans ATCC 10231
Inoculum (cfu) 10-100	Growth* : None-poor
Organism	Streptococcus faecalis ATCC 29212
Inoculum (cfu) 10-100	Growth* : None-poor
Organism	Escherichia coli ATCC 8739
Inoculum (cfu) 10-100	Growth* : None- Poor
Key	* after addition of Campylobacter Supplement I (Blaser - Wang) ** after addition of Campylobacter Supplement II (Skirrow).

Other Information

Applications

Used with addition of blood and antibiotics in isolation and cultivation of Campylobacter species.

Composition	
Ingredients	gm/lt.
Proteose peptone	15.00
Sodium chloride	5.00
Liver digest	2.50
Yeast extract	5.00
Agar	12.00

Directions

1. Add 39.50 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. Cool to 45-50°C and aseptically add 5.0 -7.0% sterile lysed horse blood or 10% sterile defibrinated sheep blood and Campylobacter Supplement I (Blaser - Wang) or Campylobacter Supplement II (Skirrow).
5. Mix well and dispense into sterile petri plates.

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	
500 Gms	Plastic Bottle

Available Packages

100 Gms
500 Gms

Disclaimer

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