

PRODUCT INFORMATION



Campy-Blood Free Selective Medium Cat. No. C03-102

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DESCRIPTION

Campy-Blood Free Selective Medium with the addition of an antibiotic supplement is used for the selective isolation of *Campylobacter jejuni*, *C. coli*, and *C. lari* from food.

PREPARATION

Mix 45.5 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil until complete dissolution is achieved. Distribute and autoclave at 121°C for 15 minutes. Cool to 45-50°C and aseptically add 4mL of a sterile filtered aqueous solution containing 32mg of Cefoperazone and 10 mg of Amphotercin B. Mix well and pour into sterile Petri dishes

Formula* per Liter:

Nutrient Broth No. 2	25.0g
Casein Hydrolysate	3.0g
Bacteriological Charcoal.....	4.0g
Sodium Deoxycholate.....	1.0g
Ferrous Sulfate.....	0.25g
Sodium Pyruvate.....	0.25g
Agar.....	12.0g

Final pH: 7.2 ± 0.2 at 25°C

* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and grey-black.
2. Visually the prepared medium is opaque and dark grey to black.
3. Expected cultural response after 24-48 hours at 37°C in an atmosphere consisting of approximately 5-6% oxygen, 10% carbon dioxide and 84-85% nitrogen.

Organism:

Escherichia coli ATCC® 25922

Campylobacter jejuni ATCC® 33291

Result:

Inhibited

Growth

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.