

Technical Data Sheet

CCDA Selective Supplement

Ordering number: 1.00071.0010

CCDA Selective Supplement is a mixture of two antibiotics in lyophilized form.

Mode of Action

Amphotericin B largely reduces the growth of yeasts and moulds whilst Cefoperazone especially inhibits the growth of *Enterobacteriaceae*.

Typical Composition

	Gram per vial	Final concentration per liter
Cefoperazone	0.016	0.032
Amphotericin B	0.005	0.010

Preparation

Dissolve the lyophilisate in the original vial by adding of 2 ml of sterile distilled water. Mix to dissolve completely.

Add contents of a vial (2 ml) aseptically to 500 ml of sterile GranuCult™ mCCD (Modified Charcoal Cefoperazone Deoxycholate) Agar (Base) acc. ISO 10272 (article number 1.00070.0500) cooled to 45-50 °C. Mix well and pour plates.

Storage

The product can be used for sampling until the expiry date if stored at +2 °C to +8 °C.

Quality Control

CCDA Selective Supplement is tested in GranuCult™ mCCD (Modified Charcoal Cefoperazone Deoxycholate) Agar (Base) acc. ISO 10272 (article number 1.00070.0500).

Function	Control strains	Incubation	Method of control	Expected results
Productivity	<i>Campylobacter coli</i> ATCC® 43478	40-48 h at 40.5-42.5 °C microaerobic	Qualitative	Good growth
	<i>Campylobacter jejuni</i> ATCC® 33291			
	<i>Campylobacter jejuni</i> ATCC® 29428			



Function	Control strains	Incubation	Method of control	Expected results
Selectivity	<i>Escherichia coli</i> ATCC® 8739	21-27 h at 40.5-42.5 °C	Qualitative	Growth inhibited
	<i>Escherichia coli</i> ATCC® 25922			
	<i>Staphylococcus aureus</i> ATCC® 25923			No Growth

Please refer to the actual batch related Certificate of Analysis.



Campylobacter jejuni ATCC® 33291

Literature

FDA-BAM (2013): Chapter No. 7: Campylobacter. U.S. Food and Drug Administration - Bacteriological Analytical Manual.

ISO International Standardisation Organisation. Microbiology of food and animal feeding stuffs -- Horizontal method for detection and enumeration of Campylobacter spp. - Part 1: Detection method. EN ISO 10272-1:2006

ISO International Standardisation Organisation. Microbiology of food and animal feeding stuffs -- Horizontal method for detection and enumeration of Campylobacter spp. - Part 2: Colony-count technique. EN ISO/TS 10272-2:2006.

ISO International Standardisation Organisation. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media. EN ISO 11133:2014.

Ordering Information

Product	Cat. No.	Pack size
CCDA Selective Supplement	1.00071.0010	10 vials
GranuCult™ mCCD (Modified Charcoal CefoperazoneD) Agar (Base) acc. ISO 10272	1.00070.0500	500 g

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