

## PRODUCT SPECIFICATION

## CAMPYLOBACTER C.A.T. AGAR

PO0839A

## Typical Formula\*

	grams per litre
Nutrient Broth No.2	25.0
Bacteriological charcoal	4.0
Casein hydrolysate	3.0
Sodium desoxycholate	1.0
Ferrous sulphate	0.25
Sodium pyruvate	0.25
Agar	12.0

## Additions

C.A.T Selective Supplement

Cefoperazone	8.0mg
Teicoplanin	4.0 mg
Amphotericin B	10.0 mg

\*adjusted as required to meet performance standards

## Preparation

Suspend CCDA Base (45.5 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add C.A.T selective supplement as above, mix. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

## Format

Ten 90mm plates, wrapped in a nylon film wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

## Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

## Physical Characteristics

pH	7.4 ± 0.2
Colour	Black
Clarity	Opaque
Fill weight	19.0 ± 2.0g

## Packaging and presentation

General appearance of packaging and label should be satisfactory. Label data should be correct.

## Contamination Check

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for ≥ 72 hours.

## Microbiological Tests Using Optimum Inoculum Dilution

## Results after incubation at 35-39°C for 36-48 hours under microaerophilic conditions

Positive controls

Inoculum 10 - 100 colony forming units

<i>Campylobacter jejuni</i>	ATCC® 33291	Grey colonies
<i>Campylobacter jejuni</i>	ATCC® 29428	Grey colonies

Colony counts shall be equal to or greater than 50% of the control medium (Chocolate Blood Agar).

### **Results after incubation at 35-39°C for 36-48 hours**

#### Negative controls

Inoculum 10,000 – 100,000 colony forming units

<i>Escherichia coli</i>	ATCC® 25922	No growth
<i>Staphylococcus aureus</i>	ATCC® 25923	No growth

Inoculum determined on the control medium (Tryptone Soya Agar).

### **Storage conditions**

Store away from light at between 2 - 10°C.

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