

PRODUCT SPECIFICATION

CAMPYLOBACTER SELECTIVE AGAR (SKIRROW)

PB0118A

Typical Formula*

| | grams per litre |
|--------------------|-----------------|
| "Lab-Lemco" powder | 10.0 |
| Peptone | 10.0 |
| Sodium chloride | 5.0 |
| Agar | 12.0 |

Additions

Campylobacter Selective Supplement (Skirrow)

| | |
|--------------|---------|
| Polymyxin B | 2,500IU |
| Trimethoprim | 5.0 mg |
| Vancomycin | 10.0 mg |

| | |
|-------------------|------|
| Lysed horse blood | 50ml |
|-------------------|------|

*adjusted as required to meet performance standards

Preparation

Suspend Campylobacter Agar Base (37.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add lysed horse blood (50ml / litre) and Campylobacter selective supplement (Skirrow), as above and mix. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single 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 | 7.5 ± 0.2 |
| Colour | Red/ brown translucent |
| Clarity | Clear |
| 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 40-44°C for 36-48 hours under microaerophilic conditions

Positive controls

Inoculum 10 - 100 colony forming units

| | | |
|-----------------------------|-------------|----------------------|
| <i>Campylobacter jejuni</i> | ATCC® 33291 | Grey/ brown 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 40-44°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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