

PRODUCT SPECIFICATION

OXOID C.L.E.D. AGAR

PO0120A

Typical Formula*

| | grams per litre |
|--------------------|-----------------|
| Peptone | 4.0 |
| 'Lab-Lemco' powder | 3.0 |
| Tryptone | 4.0 |
| Lactose | 10.0 |
| L-cystine | 0.128 |
| Bromothymol blue | 0.02 |
| Agar | 15.0 |

*adjusted as required to meet performance standards

Preparation

Suspend C.L.E.D. Medium (36.2 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single nylon-based 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 | 7.3 ± 0.2 |
| Colour | Blue / Green |
| 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 35-39°C for 18-24 hours

Positive controls

Inoculum 10-100 colony forming units

| | | |
|------------------------------|-------------|--|
| <i>Staphylococcus aureus</i> | ATCC® 25923 | Yellow shiny colonies (acid) |
| <i>Proteus mirabilis</i> | NCTC 10975 | Translucent blue colonies, no swarming |
| <i>Escherichia coli</i> | ATCC® 25922 | Light yellow shiny colonies (acid) |

Colony counts shall be equal to or greater than 50% of the control medium (Tryptone soya agar).

Storage conditions

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

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