PRODUCT SPECIFICATION

OXOID CEM WITH CTA

PO1281A

Typical Formula*  
grams per litre
Pancreatic digest of casein  15.0
Enzymatic digest of soya bean  5.0
Sodium chloride  5.0
Agar  15.0

Additions
Defibrinated horse blood  25ml
Lysed horse blood  25ml
L-cystine dihydrochloride  0.3
Sodium sulfite anhydrous  0.2
Amphotericin B  5.0mg
Clindamycin hydrochloride  5.0mg
Trimethoprim lactate  1.0mg

*adjusted as required to meet performance standards

Preparation
Suspend Tryptone Soya Agar (40.0 grams / litre), L-cystine dihydrochloride (0.3 grams / litre) and sodium sulfite anhydrous (0.2 grams / litre) in deionised water. Sterilise at 121°C for 15 minutes. Cool, aseptically add defibrinated horse blood (25 ml / litre) and lysed horse blood (25 ml / litre) and heat to chocolate the blood. Cool, aseptically add amphotericin B (5.0 mg / litre), clindamycin hydrochloride (5.0 mg / litre) and trimethoprim lactate (1.0 mg / litre) and mix. Aseptically dispense into 90mm Petri dishes. Label dishes using ink-jet printing, 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  Brown
Clarity  Opaque
Fill weight  19.0 ± 2.0g

Packaging and presentation
General appearance of pack 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 in a 10% v/v carbon dioxide enriched atmosphere

Positive controls
Inoculum 10 - 100 colony forming units.

*Taylorella equigenitalis*  ATCC®35865  Pinpoint to 0.5mm colourless colonies
*Taylorella equigenitalis*  NCTC 11225  Pinpoint to 0.5mm colourless colonies

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

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

Negative control
Inoculum 1,000 – 10,000 colony forming units.

*Proteus mirabilis*  NCTC10975  Partial to complete inhibition

Inoculum determined on the control medium (Tryptone Soya Agar)

Storage Conditions
Store away from light between 2-10°C.

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