

Distribution: Central File

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OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

SORBITOL MACCONKEY WITH CEFIXIME TELLURITE Typical Formula, CM813

PO0702A

	grams per litre
Peptone	20.0
Sorbitol	10.0
Bile salts No.3	1.5
Sodium chloride	5.0
Neutral red	0.03
Crystal violet	0.001
Agar	15.0

Addition

Cefixime Tellurite Supplement (SR172)

Potassium tellurite 2.5mg

Cefixime 0.05mg

Preparation

Suspend Sorbitol MacConkey Agar (51.5g/litre) in deionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add Cefixime Tellurite Supplement as above, mix. Aseptically dispense into petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single cellulose-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

Physical Tests

pH - 7.1 ± 0.2

Colour - Dark Red

Clarity - Clear

Fill volume - 19.5 ± 1ml

Packaging and presentation:

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

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-25°C and 30-35°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 37°C for 18 - 24 hours

Inoculum less than 100 colony forming units

<i>Escherichia coli</i> (0157:H7 Verotoxin negative)	NCTC 12900	Straw colonies, (Sorbitol negative)
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Greater than 10,000 colony forming units

<i>Escherichia coli</i>	ATCC 25922	No growth - Inhibited
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Colony counts shall be equal to or greater than 50% of the control medium.

Storage conditions

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