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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
CEFIXIME TELLURITE SELECTIVE SUPPLEMENT SR0172E		

CEFIXIME TELLURITE SELECTIVE SUPPLEMENT

SR0172E

Formula

Vial contents (each vial is sufficient to supplement 500ml of medium)

Cefixime	0.025 mg
Potassium tellurite	1.25 mg

Description

A selective supplement for the isolation of *Escherichia coli* O157.

Directions

Aseptically add 2ml of sterile distilled water to 1 vial and invert gently to dissolve. Aseptically add the vial contents to 500ml of sterile Sorbitol MacConkey Agar (CM0813) prepared as directed and cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

White pellet
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Reactions after incubation at 37 ± 2°C for 21 ± 3 hours

Tested in Sorbitol MacConkey Agar CM0813

Medium is challenged with 1E+04 to 1E+06 colony-forming units

<i>Proteus mirabilis</i>	NCTC10975	No growth
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Medium is challenged with greater than 1E+02 colony-forming units

<i>Escherichia coli</i>	ATCC®11775	No growth or pinpoint to 0.25mm pink colonies
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Negative strains are inhibited or shall produce a negative diagnostic reaction.

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Testing performed in accordance with ISO11133:2014

Reactions after incubation at 37 ± 2°C for 21 ± 3 hours

Tested in Sorbitol MacConkey Agar CM0813

Medium is challenged with 50-120 colony-forming units

Escherichia coli NCTC12900 WDCM00014 1-2mm straw colonies

A satisfactory result is represented by recovery equal to or greater than 70% recovery of the control medium.

Medium is challenged with greater than 1E+04 colony-forming units

Escherichia coli ATCC®25922 WDCM00013 No growth or pinpoint to 0.25mm pink colonies

Escherichia coli ATCC®8739 WDCM00012 No growth or pinpoint to 0.25mm pink colonies

Medium is challenged with 1E+04 to 1E+06 colony-forming units

Staphylococcus aureus ATCC®25923 WDCM00034 No growth

Staphylococcus aureus ATCC®6538 WDCM00032 No growth

Negative strains are inhibited or shall produce a negative diagnostic reaction.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
All	Reformatting of document to new format	N/A	N/A
N/A	Removal of <i>Shigella flexneri</i> ATCC12022 NCTC12698	Update to test specification	BT-CC-2203
ISO 11133 compliance	Change of lower limit for sorbitol positive <i>E. coli</i> . Addition of performance criteria	Change control	BT-CC-2380