OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION

SALMONELLA SELECTIVE SUPPLEMENT SR0194E

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Formula

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

Novobiocin	2.5 mg
Cefsulodin	6.0 mg

Description

A selective supplement for the isolation of *Salmonella* spp.

Directions

Aseptically add 2ml of distilled water to one vial to dissolve. Add the vial contents to 500ml of *Brilliance*™ Salmonella Agar Base (CM1092). Mix well and bring to the boil with frequent agitation. DO NOT AUTOCLAVE. Cool to 50°C, mix well and pour into sterile Petri dishes.

Physical Characteristics

White or pale yellow pellet

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Reactions after incubation at 37°C for 24 ± 2 hours

Tested in *Brilliance*™ Salmonella Agar Base CM1092

Medium is challenged with 10-100 colony-forming units

Salmonella typhimurium	ATCC®14028	1-2mm purple/pink colonies
Salmonella enteritidis	ATCC®13076	1-2mm purple/pink colonies
Salmonella arizonae	ATCC®13314	1-4mm purple/pink colonies

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

Medium is challenged with 1E+02 to 1E+04 colony-forming units

Escherichia coli	ATCC®25922	No growth or 1-2mm cream colonies

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

Pseudomonas aeruginosa	ATCC®27853	No growth or 1-2mm pink colonies

Negative strains are inhibited or shall produce at least a 2 log (10) reduction when compared to the control medium.

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

Klebsiella pneumoniae	ATCC®29665	1-3mm mucoid, blue colonies
Enterococcus faecalis	ATCC®29212	No growth
Proteus mirabilis	NCTC10975	No growth or ppt-0.5mm straw colonies

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

Revision History

Section / Step	Description of Change	Reason for Change	Reference
Proteus mirabilis	Update to testing specification	Change control	BT-CC-1859
Entire document	Correction of typographical/minor errors. Addition of control media + result criteria.	Change control	BT-CC-1918
Directions	Remove 'completely'	Change control	BT-CC-2725