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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
STAA SELECTIVE SUPPLEMENT SR0151E		

STAA SELECTIVE SUPPLEMENT

SR0151E

Formula

Vial contents (sufficient to supplement 500ml of medium)

Streptomycin sulphate	250mg
Thallous acetate	25mg
Cycloheximide	25mg

Description

A freeze-dried selective supplement for use with STAA Agar Base CM0881 for the isolation of *Brochothrix thermosphacta*.

Directions

Aseptically add 2ml of sterile distilled water to 1 vial and mix gently to dissolve. Aseptically add the vial contents to 500ml of sterile STAA Basal Medium, prepared from STAA Agar Base (CM0881) plus 7.5ml of glycerol 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 Media: Tryptone Soya Agar, Columbia Blood Agar Base enriched with 5% v/v horse blood or Sabouraud Dextrose Agar, where appropriate

Tested in STAA Agar Base CM0881 with 1.5% v/v glycerol

Reactions after aerobic incubation at 22°C for 48 hours

Medium is challenged with 10-100 colony-forming units

<i>Brochothrix thermosphacta</i>	ATCC®11509	Pinpoint-1.0mm straw colonies
<i>Brochothrix thermosphacta</i>	IFR2304	Pinpoint-1.0mm straw 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+04 to 1E+06 colony-forming units

<i>Enterococcus faecalis</i>	ATCC®19433	No growth
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<i>Bacillus subtilis</i>	ATCC® 6633	No growth
<i>Pseudomonas aeruginosa</i>	ATCC® 27853	No growth
<i>Escherichia coli</i>	ATCC® 25922	No growth
<i>Staphylococcus aureus</i>	ATCC® 25923	No growth
<i>Lactobacillus fermentum</i>	ATCC® 9338	No growth
<i>Saccharomyces cerevisiae</i>	ATCC® 9763	No growth

Negative strains are inhibited.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Update to new document format and correction of typographical/minor errors. Addition of Control Medium and Result Criteria.	Change control	BT-CC-1918