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<b>OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION</b>		
<b>T.T.C. Solution (1%) SR0229K</b>		

**T.T.C. SOLUTION (1%)**

**SR0229K**

**Formula**

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

Triphenyltetrazolium chloride (1%)

5 ml

**Description**

A liquid supplement for the isolation and enumeration of Enterococci when used with K-F Streptococcus Agar (CM0701).

**Directions**

Aseptically add the vial contents to 500ml of K-F Streptococcus Agar (CM0701) prepared as directed and cooled to 50°C. Mix well and pour into sterile Petri dishes.

**Physical Characteristics**

Colour - colourless or pale-yellow liquid

Clarity - clear

Deposit - nil

Volume - 5ml

Sterility - passes test

**Microbiological Tests using Optimum Inoculum Dilution**

Control Media: Tryptone Soya Agar or Columbia Blood Agar Base enriched with 5% v/v horse blood, where appropriate

Tested in K-F Streptococcus Agar CM0701

**Reactions after incubation at 37°C for 48 hours**

Medium is challenged with 10-100 colony-forming units

*Enterococcus faecium*

ATCC®19434

0.5-2mm red colonies, yellow halo

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

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

<i>Enterococcus faecalis</i>	ATCC®29212	0.5-2mm red colonies, yellow halo
<i>Enterococcus faecalis</i>	ATCC®33186	0.5-2mm red colonies, yellow halo
<i>Enterococcus faecalis</i>	ATCC®14506	0.5-2mm red colonies, yellow halo
<i>Enterococcus faecalis</i>	ATCC®19433	0.5-2mm red colonies, yellow halo
<i>Staphylococcus aureus</i>	ATCC®25923	No growth
<i>Proteus mirabilis</i>	ATCC®12453	No growth
<i>Escherichia coli</i>	ATCC®25922	No growth
<i>Salmonella typhimurium</i>	ATCC®14028	No growth
<i>Pseudomonas aeruginosa</i>	ATCC®27853	No growth
<i>Klebsiella pneumoniae</i>	ATCC®29665	No growth

For positive test strains inoculated using diminishing sweep technique, a satisfactory result is represented by growth in accordance with the specification. Negative strains are inhibited.

Additional challenging strains are employed.

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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 media +result criteria	Change control	BT-CC-1924