	Document Owner Department: QC	MBD-BT-SPEC-0487
		Page 1 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
STREPTOCOCCUS SELECTIVE SUPPLEMENT SR0126E		

STREPTOCOCCUS SELECTIVE SUPPLEMENT

SR0126E

Formula

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

Colistin sulphate	5.0 mg
Oxolinic acid	2.5 mg

Description

A freeze-dried selective supplement for the isolation of *Streptococcus* species.

Directions

To one vial aseptically add 2ml of 1:1 ethanol/sterile distilled water. Aseptically add the vial contents to 500ml of Columbia Blood Agar Base (CM0331) containing 5% v/v defibrinated horse blood (SR0050) cooled to 50°C. Mix gently and pour into sterile Petri dishes.

Physical Characteristics

White pellet
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Columbia Blood Agar Base enriched with 5% v/v horse blood

Tested in Columbia Blood Agar Base CM0331 enriched with 5% v/v horse blood


Reactions after incubation at 37°C for 18 hours

Medium is challenged with 10-100 colony-forming units

<i>Streptococcus pyogenes</i>	ATCC®19615	0.5-1mm colourless/white colonies, β haemolysis
<i>Streptococcus</i> Group C	ATCC®12449	0.5-1mm colourless/grey colonies, β haemolysis
<i>Streptococcus agalactiae</i>	ATCC®13813	0.5-1mm colourless/grey colonies
<i>Enterococcus faecalis</i>	ATCC®19433	0.5-1mm grey 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

	Document Owner Department: QC	MBD-BT-SPEC-0487 Page 2 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
STREPTOCOCCUS SELECTIVE SUPPLEMENT SR0126E		

<i>Staphylococcus aureus</i>	ATCC® 25923	No growth
<i>Pseudomonas aeruginosa</i>	ATCC® 27853	No growth
<i>Escherichia coli</i>	ATCC® 25922	No growth

Negative strains are inhibited.

	Document Owner Department: QC	MBD-BT-SPEC-0487
		Page 3 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
STREPTOCOCCUS SELECTIVE SUPPLEMENT SR0126E		

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 and Result Criteria.	Change control	MBD-2022-0097