

Distribution: Central File

Date: 06/05/11

Supersedes: 16/12/10

**OXOID QUALITY ASSURANCE
PRODUCT SPECIFICATION**

LISTERIA SELECTIVE SUPPLEMENT (OXFORD FORMULATION)**SR0140E****Formula**

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

Cycloheximide	200.0 mg
Colistin sulphate	10.0 mg
Acriflavine	2.5 mg
Cefotetan	1.0 mg
Fosfomycin	5.0 mg

DescriptionA selective supplement for the isolation of *Listeria monocytogenes*.**Directions**

Aseptically add 5ml of 70% ethanol to 1 vial and mix gently to dissolve. Avoid frothing. Aseptically add the vial contents to 500ml of sterile Listeria Selective Agar Base (CM0856) prepared as directed and cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

Yellow pellet
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

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

Reactions after incubation at 37°C for 48 hours

Tested in Listeria Selective Agar Base CM0856

Medium is challenged with 10-100 colony-forming units

<i>Listeria monocytogenes</i>	ATCC® 7644	0.25-1.0mm brown/black dimpled colonies and halo
<i>Listeria monocytogenes</i>	ATCC® 13932	0.25-1.0mm brown/black dimpled colonies and halo

A satisfactory result is represented by recovery of positive strains equal to or greater than 50% of the control medium.

Medium is challenged with 10-100 colony-forming units

<i>Staphylococcus aureus</i>	ATCC® 25923	No growth-0.5mm yellow colonies
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For *Staphylococcus aureus* ATCC® 25923, a satisfactory result is represented by recovery equal to or less than 90% of the control medium.

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

<i>Enterococcus faecalis</i>	ATCC® 29212	No growth
<i>Enterococcus faecalis</i>	ATCC® 19433	No growth
<i>Escherichia coli</i>	ATCC® 25922	No growth
<i>Escherichia coli</i>	ATCC® 8739	No growth
<i>Candida albicans</i>	ATCC® 10231	No growth

Negative strains are inhibited.

All ISO/CEN 11133-2 control strains are included in the test panel