	Document Owner Department: QC	MBD-BT-SPEC-0499
		Rev 03
		Page 1 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
PALCAM SELECTIVE SUPPLEMENT SR0150E		

PALCAM SELECTIVE SUPPLEMENT

SR0150E

Formula

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

Polymyxin B	5.0 mg
Acriflavine hydrochloride	2.5 mg
Ceftazidime	10.0 mg

Description

A selective supplement for the isolation of *Listeria monocytogenes*.

Directions

Aseptically add 2ml sterile distilled water to 1 vial and invert gently to dissolve. Aseptically add the vial contents to 500ml of sterile PALCAM Agar Base (CM0877) prepared as directed and cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

Yellow/orange 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 under microaerophilic conditions


Tested in PALCAM Agar Base CM0877

Medium is challenged with 10-100 colony-forming units

<i>Listeria monocytogenes</i>	ATCC®7644	0.5-2mm brown/black colonies and halo
<i>Listeria monocytogenes</i>	ATCC®13932	0.5-2mm brown/black 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 1E+04 to 1E+06 colony-forming units

	Document Owner Department: QC	MBD-BT-SPEC-0499
		Rev 03
		Page 2 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
PALCAM SELECTIVE SUPPLEMENT SR0150E		

<i>Enterococcus faecalis</i>	ATCC® 29212	No growth
<i>Enterococcus faecalis</i>	ATCC® 19433	No growth
<i>Staphylococcus aureus</i>	ATCC® 25923	No growth
<i>Escherichia coli</i>	ATCC® 25922	No growth
<i>Escherichia coli</i>	ATCC® 8739	No growth

Negative strains are inhibited.


Reactions after incubation at 37°C for 48 hours under aerobic conditions

Tested in PALCAM Agar Base CM0877

Medium is challenged with 10-100 colony-forming units

<i>Listeria monocytogenes</i>	ATCC® 7644	0.5-2mm brown/black colonies and halo
<i>Listeria monocytogenes</i>	ATCC® 13932	0.5-2mm brown/black colonies and halo

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

	Document Owner Department: QC	MBD-BT-SPEC-0499
		Rev 03
		Page 3 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
PALCAM SELECTIVE SUPPLEMENT SR0150E		

Revision History

Section / Step	Description of Change	Reason for Change	Reference
Reactions after incubation at 37°C for 48 hours under microaerophilic conditions	Updated colony morphology for <i>Listeria</i> spp.	Change Control	MOC-2024-1762
Reactions after incubation at 37°C for 48 hours under aerobic conditions	Section added		