

## PALCAM LISTERIA SELECTIVE SUPPLEMENT ISO 11290-2

**CAT Nº:6004**

Selective supplement for isolation of *Listeria monocytogenes* and other species of *Listeria* from food products

### FORMULA PER VIAL (Each vial for 500 ml of medium)

Ceftazidime	10 mg	Acryflavine	2.5 mg
Polymyxin B Sulfate	5 mg		

### PREPARATION

Aseptically reconstitute 1 vial with 5 ml of sterile distilled water. Mix gently until complete dissolution. Aseptically add to 500 ml of LISTERIA AGAR BASE PALCAM (Cat. 1141), autoclaved and cooled to 50°C. Mix well and distribute into sterile containers.

PRODUCT	CAT.	PACK SIZE
PALCAM LISTERIA SELECTIVE SUPPLEMENT	6004	10 Vials. Each vial for 500 ml of medium
LISTERIA AGAR BASE PALCAM	1141	500 g

### MICROBIOLOGICAL TEST

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of 35 ± 2°C and observed after 24-48 hours.

Microorganisms	Growth	Colony Color
<i>Listeria monocytogenes</i> ATCC 19111	Good	Green-gray colonies with black center and black halo
<i>Listeria innocua</i> ATCC 33090	Good	Green-gray colonies with black center and black halo
<i>Enterococcus faecalis</i> ATCC 29212	Null	-
<i>Staphylococcus aureus</i> ATCC 25923	Null	-

According to ISO 11133 37±1 °C / 44±4 h/ (Productivity and Selectivity)

Microorganisms	Inoculum (cfu)	Productivity Quantitative	Selectivity Qualitative
<i>Listeria monocytogenes</i> ATCC 13932	10 <sup>2</sup>	pr ≥ 0,5	
<i>Escherichia coli</i> ATCC 8739	10 <sup>4</sup> /10 <sup>6</sup>		Inhibited
<i>Enterococcus faecalis</i> ATCC 29212	10 <sup>4</sup> /10 <sup>6</sup>		Inhibited

Reference Media Productivity: TSA

### BIBLIOGRAPHY

ISO 11290-1 Microbiology of food and animal feeding stuffs -- Horizontal method for the detection and enumeration of *Listeria monocytogenes* -- Part 1: Detection method



### STORAGE

When stored as indicated, supplements remain stable until the stated expiry date shown on the label.

