

Listerien-Selektivagar Oxford

Abbreviazione: LSO
Numero articolo: 40-1208
Scheda: Petri dish, 90mm
Colore: Yellow, transparent
Condizioni di stoccaggio prodotti: Dry, closed, at 4-10°C
Data di scadenza: 2 Months
Valore pH: 7.0 ± 0.2 at 25°C



Destinazione e applicazione

Oxford Listeria Selective Agar is used to isolate and detect *Listeria monocytogenes* from food and other research materials.

Composizione tipica

in g per 1l Medium

Peptone	23
Starch	1
Sodium chloride	5
Esculin	1
Ammonium Iron (III)-citrate	0,5
Lithium chloride	15
Acriflavine	0.005
Cycloheximide	0.4
Colistin sulphate	0.02
Cefotetan	0.002
Phosphomycin	0.01
Agar	12

*Adjusted as required to meet performance standards

Controlli di qualita' microbiologici

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

Productivity

Incubation conditions: 44 ± 4 Stunden bei 37 ± 1 °C; Inoculation Concentration: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Listeria monocytogenes 4b	ATCC 13932 / WDCM 00021	50 – 130 %	Grey green to black colonies with black background

Selectivity

Incubation conditions: 44 ± 4 hours at 37 ± 1 °C; Inoculation concentration: 10.000 – 1.000.000 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Complete Inhibition	-
Enterococcus faecalis	ATCC 19433 / WDCM 00009	Complete Inhibition	-

Specificity

Incubation conditions: 44 ± 4 hours at 37 ± 1 °C; Inoculation concentration: 1.000 – 10.000 CFU

Organism	Test strain	Specification	Colony morphology
Listeria innocua	ATCC 33090 / WDCM 00017	Good growth	Grey green to black colonies with black background

Microbial Contamination

Incubation condition: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

Specification

Without microbial contamination