

Oxford Listeria Selective Supplement (iS47038)

A selective supplement for the isolation of *Listeria*.

Industry: Clinical / Food

Description

The Oxford Listeria Selective Supplement, contains various antibiotics. It significantly inhibits the growth of accompanying microorganisms during *Listeria* culture, including gram-negative bacteria and a substantial portion of Gram-positive bacteria. Additionally, it effectively inhibits yeasts through the inclusion of Cycloheximide.

Content per Vial

1 Vial for 500 ml of culture medium.

Cycloheximide	200 mg
Colistin Sulphate	10 mg
Acriflavine	2.5 mg
Cefotetan	1.0 mg
Fosfomycin	5.0 mg

Directions

Add 5 ml of sterile distilled water to the vial contents and gently mix to achieve complete dissolution. Filter sterilize the solution and aseptically introduce it to 500 ml of sterile, molten, cooled (45-50°C) Oxford Listeria Selective Agar Base. Thoroughly mix and dispense into sterile petri dishes.

Precautions

Acriflavine hydrochloride is activated by light which may cause it to become inhibitory to *Listeria* growth.

Storage

Store in a light-protected environment at -20°C.