

PALCAM Listeria Selective Supplement (iS47044)

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

Industry: Clinical / Food

Description

Recommended for the selective isolation and identification of *Listeria monocytogenes*, the selective supplement achieves specificity by incorporating Acriflavine, Polymyxin B, and Ceftazidime to inhibit the growth of nearly all Gram-negative and a majority of Gram-positive companion bacteria.

Content per Vial

1 Vial for 500 ml of culture medium.

Polymyxin B	5.0 mg
Acriflavine hydrochloride	2.5 mg
Ceftazidime	10.0 mg

Directions

Add 5 ml of distilled water into the vial's contents, stirring gently until complete dissolution. Filter sterilize the solution and aseptically introduce it into 500 ml of sterile, molten PALCAM Agar Base cooled to 45-50°C. Thoroughly blend the components and pour the mixture into sterile petri plates.

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.