

Legionella BMPA Selective Supplement (iS47032)

A selective supplement for the isolation of *Legionellae*.

Industry: Water

Description

This antibiotic supplement, recommended for the selective isolation of *Legionella* species, includes Cefamandole, a second-generation broad-spectrum cephalosporin antibiotic. Additionally, it contains Polymyxin B, effective against resistant gram-negative infections, and Anisomycin, that inhibits protein synthesis and partially inhibits DNA synthesis at specific concentrations.

Content per Vial

1 Vial for 500 ml of culture medium.

Cefamandole	2 mg
Polymyxin B	40,000 IU
Anisomycin	40 mg

Directions

Dissolve the contents of one vial in 5 ml of distilled water, filter sterilize the solution, and aseptically add it to 500 ml of sterile, molten BCYE Agar Base cooled to 45-50°C. Include the contents of one vial of Legionella BCYE Growth Supplement, mix thoroughly, and pour into sterile petri dishes.

Storage

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