

Legionella MWY Selective Supplement (iS47034)

A selective supplement for the isolation of *legionellae*.

Industry: Water

Description

This antibiotic supplement is recommended for the selective isolation of *Legionella* species. It incorporates antimicrobial agents for medium selectivity, and the addition of bromothymol blue and bromocresol purple aids in identifying microorganisms. The procedure outlined in ISO 11731 is recommended for *Legionella* isolation and enumeration in water samples.

Content per Vial

1 Vial for 500 ml of culture medium.

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| Glycine | 1.5 g |
| Polymyxin B | 25,000 IU |
| Anisomycin | 40 mg |
| Vancomycin | 500 µg |
| Bromothymol blue | 5.0 mg |
| Bromocresol purple | 5.0 mg |

Directions

Dissolve the contents of one vial in 5 ml of distilled water, ensuring complete dissolution. Filter sterilize the solution and add it aseptically to 500 ml of sterile, molten BCYE Agar Base cooled to 45-50°C, along with the contents of one vial of Legionella BCYE Growth Supplement. Thoroughly mix the components and pour the mixture into sterile petri dishes.

Storage

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