

D-Cycloserine Selective Supplement (iS47019)

A selective supplement for the isolation of *Clostridium perfringens*.

Industry: Water / Food

Description

A recommended antibiotic supplement aids in the selective isolation of *Clostridium perfringens*. This sterile selective supplement aligns with ISO 7937, ISO 14189, and other regulations for the isolation and presumptive identification of *Clostridium perfringens*. The addition of D-cycloserine selective supplement to TSC Agar results in a final selective medium, simplifying the counting of plates with high colony numbers due to the formation of smaller colonies of *Clostridium perfringens*.

Content per Vial

1 Vial for 500 ml of culture medium.

D-cycloserine	200.0 mg
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Directions

Add 2 ml of sterile distilled water to the contents of one vial, gently mixing to ensure complete dissolution. Filter sterilize the solution and, under aseptic conditions, introduce it to 500 ml of sterile TSC Agar Base, previously cooled to 50 °C. Thoroughly mix and pour the resulting mixture into sterile Petri dishes.

Storage

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