

### Clostridium Perfringens Selective Supplement (iS47077)

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

Industry: Food / Water

#### Description

A recommended antibiotic supplement facilitates the rapid detection of *Clostridium perfringens* in food. It serves as a sterile selective supplement, aligning with ISO 7937, ISO 14189, and other regulations, for the isolation and presumptive identification of *Clostridium perfringens*. The addition of the D-cycloserine selective supplement to TSC Agar simplifies plate counting 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

Dissolve the contents of one vial thoroughly by gently mixing with 2 ml of distilled water. After complete dissolution, filter sterilize the solution, and under aseptic conditions, introduce it into 500 ml of sterile TSC Agar Base that has been cooled to 50 °C. Ensure a thorough mix, and then pour the mixture into sterile Petri dishes.

#### Storage

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