



PERFRINGENS T.S.C SUPPLEMENT

TS 076

Description

Supplement contains antibiotics which are targeted to for presumptive identification and enumeration of *Clostridium perfringens* in PERFRINGENS AGAR BASE (T.S.C. / S.F.P. AGAR BASE) (TM 615), TRYPTOSE CYCLOSERINE AZIDE AGAR BASE (TM 809) and TRYPTOSE CYCLOSERINE DEXTROSE AGAR BASE (TM 902).

Composition**Ingredients**

D-Cycloserine 200.00mg

(Per vial, sufficient for 500 ml of sterilized medium)

Storage

Vials should be stored in sealed container at 2-8°C , dry location and protected from direct sunlight.

Instructions for use

Aseptically rehydrate 1 vial contents with 2ml sterile distilled water. Mix well and aseptically add to 475ml of sterile, cooled (45-50°C), molten Perfringens Agar base (TM 615), along with 25ml of Egg yolk Emulsion (TS 002) or 500ml Tryptose Cycloserine Dextrose Agar Base (TM 902)/Tryptose Cycloserine Azide Agar Base (TM 809). Mix carefully and dispense as desired. Use the medium according to the manufacturer's recommendation. Store the prepared media plates inverted at 4 - 8°C for not more than 7 days.

Microbiological parameters (Growth promotion test)

Cultural characteristics observed after inoculation (10^3 CFU/ml) and incubation at 35-37°C for 18-24 hours.

Microorganisms	ATCC	Inoculum (CFU/ml)	Growth	Sulphite Reduction	Lecithinas e/Halos
<i>Clostridium perfringens</i>	12924	10^3	Luxuriant	Blackening of medium	Positive reaction/ opaque zone
<i>Clostridium sordellii</i>	9714	10^4	Inhibited	NA	NA

NA: Not Applicable