



PRODUCT DATA SHEET

CLOSTRIDIUM DIFFICILE SUPPLEMENT

TS 024

Description

Supplement contains antibiotics, which are targeted for selective isolation of *Clostridium difficile* in CLOSTRIDIUM DIFFICILE AGAR BASE (TM 068).

Composition

Ingredients

D-Cycloserine 250.00 mg

Cefoxitin 8.00 mg

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

Storage

Vials should be stored in sealed container at 2-8°C.

Instructions for use

Aseptically rehydrate contents of 1 vial with 2 ml of sterilized distilled water. Mix well and aseptically add to 500 ml sterilized, cooled (45-50°C) molten media, along with 7% v/v defibrinated horse blood. Mix properly then dispense as desired. Use the medium according to the manufacturer's recommendation. For long storage the prepared media plates should keep inverted at 4°C up to 7 days.

Microbiological parameters (Growth promotion test)

Cultural characteristics observed after inoculation (10^3 - 10^4 CFU/ml) and incubation at $35 \pm 2^\circ\text{C}$ for 18-48 hours, w/ added *Clostridium difficile* supplement (TS 024).

Test strains	ATCC	Inoculum (CFU/ml)	Growth
<i>Clostridium difficile</i> NCTC 11020	-	10^3	Luxuriant
<i>Staphylococcus aureus</i>	25923	10^4	Luxuriant
<i>Escherichia coli</i>	25922	10^4	Inhibited