



PRODUCT DATA SHEET

DIPHTHERIA VIRULENCE SUPPLEMENT (Part A & B)

TS 059

Description

DIPHTHERIA VIRULENCE SUPPLEMENT, which is suitable for the isolation and presumptive identification of *Corynebacterium diphtheriae* in TINSDALE AGAR BASE (TM 450).

Composition

Ingredients

Part A	
Horse serum	100.00ml
Part B	
Potassium tellurite	1.00ml

(Per vial, sufficient for 1000ml of sterilized medium)

Storage

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

Instructions for use

Warm up the refrigerated contents of Part B vial and aseptically 29 ml of sterile distilled water. Mix well and aseptically add warmed up (to 50°C) contents of Part A and B vials to sterile, cooled (45 - 50°C) molten media. 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.

For 10 ml of TM 450 TINSDALE AGAR BASE: 1.0 ml of Part A and 0.3 ml of Part B is recommended.

Microbiological parameters (Growth promotion test)

Cultural characteristics observed after inoculation (10^3 CFU/ml) and incubation at 35 - 37°C for 40 - 48 hours.

Test strains	ATCC	Inoculum (CFU)	Growth
<i>Corynebacterium diphtheriae</i> type <i>gravis</i>	----	10^3	Good-luxuriant
<i>Corynebacterium diphtheriae</i> type <i>intermedius</i>	----	10^3	Good-luxuriant
<i>Corynebacterium diphtheriae</i> type <i>mitis</i>	----	10^3	Good-luxuriant
<i>Klebsiella pneumoniae</i>	13883	10^3	Inhibited