PRODUCT DATA SHEET

POTASSIUM TELLURITE 1% TS 005

Description

Supplement used for selective isolation and cultivation of *Staphylococcus* sp., *Vibrio* sp., *Corynebacterium* sp., *Mycoplasma* and *Streptococcus* sp. in TM 358 BAIRD PARKER AGAR BASE, TM 636 BAIRD PARKER AGAR BASE (as per USP), TM 395 VOGEL-JOHNSON AGAR BASE W/O TELLURITE, TM 411 CHOLERA MEDIUM BASE, TM 522 HOYLE MEDIUM BASE, TM 235 PPLO BROTH BASE W/ CV (MYCOPLASMA BROTH BASE W/ CV), TM 221 MITIS SALIVARIUS AGAR BASE

Composition

Ingredients

Potassium tellurite 0.10 g

(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 the contents of 1 vial with 10 ml of sterile distilled water. Mix well and aseptically add to 500ml sterile, cooled (45-50°C) molten media along with Egg Yolk Emulsion (TS 002) in BAIRD PARKER AGAR BASE / Sterile defibrinated blood in CHOLERA MEDIUM BASE / laked blood in HOYLE MEDIUM BASE / Horse serum (TS 014) in PPLO BROTH BASE W/ CV. 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 (10^3CFU/ml) and incubation at 35-37°C for 24 – 48 hours.

Test strains	ATCC	Inoculum (CFU/ml)	Growth
Staphylococcus aureus	25923	10^3	Good-luxuriant
Vibrio cholerae	15748	10^3	Good-luxuriant
Corynebacterium diphtheriae	11913	10^3	Good-luxuriant
Mycoplasma pneumoniae	15531	10^3	Good-luxuriant
Streptococcus salivarius	13413	10^3	Good-luxuriant