

**POTASSIUM TELLURITE****TS 003****Description**

Supplement contains antibiotics which are targetted to selective species in for isolation and identification of *Staphylococci* and *Corynebacteria* sp. in these culture media's **TM 358 BAIRD PARKER AGAR BASE**, **TM 118 GIOLITTI-CANTONI BROTH BASE**, **TM 522 HOYLE MEDIUM BASE**.

Composition**Ingredients**

Potassium tellurite 0.35gm

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

Storage

Vials should be stored in sealed container in cool, dry location and protected from direct sunlight.

Instructions for use

Aseptically rehydrate 1 vial contents in 10 ml of sterilized distilled water, mix well and add to 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.

Microbiological parameters (Growth promotion test)

Cultural characteristics observed after inoculation (10^3 CFU/ml) and incubation at 35-37°C for 24 - 48 hours.

NA; Not applicable

Test strains	ATCC	Inoculum (CFU/ml)	Growth
<i>Corynebacterium diphtheriae</i>	11913	10^3	Good
<i>Corynebacterium diphtheriae</i>	13812	10^3	Good
<i>Staphylococcus aureus</i>	25923	10^3	Luxuriant
<i>Bacillus subtilis</i>	6633	10^3	Poor
<i>Escherichia coli</i>	25922	10^3	Inhibited