



## CHROMOGENIC ENRICHMENT SUPPLEMENT

TS 031

**Description**

Supplement contains antibiotics which are targeted to selective identification and differentiation of *Listeria monocytogenes* in TM 004 Chromogenic Listeria Agar Base (New as per ISO 11290:2004)

**Composition****Ingredients**

Lipase C substrate                      10.00 ml

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

**Storage**

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

**Instructions for use**

Aseptically add the contents of 2 vials at slightly higher temperature (~70 °C) with vigorous shaking to 970 ml of sterile, molten Chromogenic Listeria Agar (TM 004), along with sterile rehydrated contents of 2 vials of **Chromogenic Listeria Selective Supplement (TS 205)**, 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.

Test strains	ATCC	Inoculum (CFU/ml)	Growth	Appearance of colony	Halo
<i>Listeria monocytogenes</i>	19111	$10^3$	Good	Blue	+ve
<i>Listeria innocua</i>	33090	$10^3$	Good	Blue	-ve
<i>Enterococcus faecalis</i>	19433	$10^3$	Inhibited	NA	NA
<i>Escherichia coli</i>	25922	$10^3$	Inhibited	NA	NA

NA; Not applicable