



FRASER SUPPLEMENT

TS 034

Description

Supplement targeted to isolation and enrichment of *Listeria monocytogenes* in TM 1472 FRASER BROTH BASE

Composition**Ingredients**

Ferric Ammonium Citrate 250mg

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

Storage

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

Instructions for use

Rehydrate the contents of 1 vial aseptically with 2 ml of sterile distilled water. Mix well. For primary enrichment aseptically add 2 vials of TS 034 to 1000 ml sterile and cooled (45-50°C) Fraser Broth Base (TM 1472) along with rehydrated contents of 1 vial of Fraser Selective Supplement (TS 035) or add 1 vial of TS 034 to 500 ml sterile Fraser Broth Base (TM 1472) along with rehydrated contents of 1 vial of Fraser Selective Supplement (TS 035) for secondary enrichment. Mix well before dispensing as desired.

Microbiological parameters (Growth promotion test)

Cultural characteristics observed after inoculating (10^3 - 10^5 CFU/ml), on incubation at 35 - 37°C in aerobic conditions and observed after 24 - 48 hours.

Microorganisms	ATCC	Inoculum (CFU/ml)	Growth	Esculin hydrolysis
<i>Listeria monocytogenes</i>	19111	10^3	Good	Positive
<i>Listeria monocytogenes</i>	19118	10^3	Good	Positive
<i>Enterococcus faecalis</i>	29212	10^5	Inhibited	-
<i>Staphylococcus aureus</i>	25923	10^5	Inhibited	-
<i>Escherichia coli</i>	25922	10^5	Inhibited	-