

**FRASER SELECTIVE SUPPLEMENT****TS 035****Description**

Supplement contains antibiotic, which is targeted to isolation and enrichment of *Listeria monocytogenes* in TM 1472 FRASER BROTH BASE, TM 113 FRASER SECONDARY ENRICHMENT BROTH BASE

Composition**Ingredients**

Acriflavine Hydrochloride	12.50mg
Nalidixic Acid	10.00mg

(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 contents of 1 vial with 10ml of sterile distilled water. Mix well and add to 500 ml sterilized, cooled (45-50°C) Fraser Broth Base (TM 1472)/ Fraser Secondary Enrichment Broth Base (TM 113) along with rehydrated contents of one vial of Fraser Supplement (TS 034). Mix well and dispense as desired.

For preparing Half Fraser Broth add rehydrated contents of one vial of Fraser Selective Supplement (TS 035) to along with rehydrated contents of two vials of Fraser Supplement (TS 034) in 1000 ml media.

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	-