

Fraser Selective Supplement (for 6 x 0.5 l)

TN 1318 6 x 2 bottles 1 bottle per component for 0.5 l culture medium



Intended use

Used to inhibit accompanying flora during the selective enrichment of *Listeria monocytogenes* in Fraser Broth (Base) (TN 1257)

Form

Lyophilisate

Colour

Reddish and brown

Storage

Protected from light, at 2...8 °C.

Shelf life

5 years

Typical composition

Component	mg/bottle
Ammonium Iron (III) Citrate Supplement	
Ammonium iron (III) citrate	250
Acriflavin Nalidixic Acid Supplement	
Acriflavin hydrochloride	12.5
Nalidixic acid	10

Directions

Prepare Fraser Broth (Base) (TN 1257) according to instructions, autoclave and cool down to ca. 50 °C. Dissolve the contents of one bottle of Ammonium Iron (III) Citrate Supplement and one bottle of Acriflavin Nalidixic Acid Supplement in 2 ml sterile distilled water each and add aseptically to 0.5 litre sterile base culture medium, when this has cooled down to 50 °C. Mix well and fill into sterile containers.

Microbiological quality control

Incubation to be done aerobically.

Incubate the tubes for 22-26 hours at 36 ± 1 °C. Incubate smears on blood agar for 20-24 hours at 36 ± 1 °C.

Incubate the tubes at the same time for a further 22-26 hours and then smear onto Palcam Agar. Incubate the Palcam Agar plates for 22-26 hours at 36 ± 1 °C.

Test strain	ATCC no.	CFU/ 10 ml	Smear Fraser Broth on blood agar	Smear Fraser Broth on Palcam Agar
<i>Listeria monocytogenes</i> Serovar 1/2	15313	10-100	> 10 colonies per tube	> 10 colonies with black corona per tube
<i>Listeria monocytogenes</i> Serovar 4a	19114	10-100	> 10 colonies per tube	> 10 colonies with black corona per tube
<i>Listeria monocytogenes</i> Serovar 4b	19115	10-100	> 10 colonies per tube	> 10 colonies with black corona per tube
<i>Listeria innocua</i> Serovar 6a	33090	10-100	> 10 colonies per tube	> 10 colonies with black corona per tube
<i>Enterococcus faecalis</i>	29212	100-1000	< 10 colonies per tube	no growth

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