

1/2 Fraser Selective Supplement (for 6 x 2.25 l)

TN 1319 6 x 2 bottles 1 bottle per component for 2.25 l culture medium



Intended use

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

Form

Powder

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	1125
Acriflavin Nalidixic Acid Supplement	
Acriflavin hydrochloride	28.125
Nalidixic acid	22.5

Directions

Prepare Fraser Broth (Base) (TN 1257) according to instructions, autoclave and cool down to 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 these to 2.25 l sterile base culture medium when it has cooled down to 50 °C. Mix well and fill into sterile containers.

Microbiological quality control

Incubate the tubes aerobically for 22-26 hours at 30 ± 1 °C. Then smear on blood agar and incubate aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	ATCC no.	CFU / 10 ml	Smear ½ Fraser Broth on blood agar
<i>Listeria monocytogenes</i> Serovar 1/2	15313	10-100	> 10 colonies per tube
<i>Listeria monocytogenes</i> Serovar 4a	19114	10-100	> 10 colonies per tube
<i>Listeria monocytogenes</i> Serovar 4b	19115	10-100	> 10 colonies per tube
<i>Listeria innocua</i> Serovar 6a	33090	10-100	> 10 colonies per tube
<i>Enterococcus faecalis</i>	29212	100-1000	growth inhibited

Date of revision: 2014/03/20

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