

# 1/2 Fraser Broth Complete

TN 1034 500 g



## Intended use

Used for the selective enrichment of *Listeria* spp. from foodstuffs (according to § 64 German Food and Feed Code) and from environmental material.

## Form

Powder

## Colour

Bright beige

## Storage

Dry, tightly closed, at 10...25 °C.

## Shelf life

3 years

## Typical composition

Component	g/l
Meat peptone	5
Casein peptone	5
Meat extract	5
Yeast extract	5
Sodium chloride	20
Disodium hydrogen phosphate	12
Potassium dihydrogen phosphate	1.35
Esculin	1
Lithium chloride	3
Ammonium iron (III) citrate	0.5
Acriflavin hydrochloride	0.0125
Nalidixic acid	0.01

## Directions

Dissolve 57.9 g in 1 litre distilled water and autoclave at 121 °C for 15 minutes. Precipitates may be formed after autoclaving. Such precipitate formation has no effect on the test result.

## Final pH at 25 °C

7.2 ± 0.2

## Microbiological quality control

Incubate 1/2 Fraser Broth Complete aerobically for 24 ± 3 hours at 30 ± 1 °C.

Incubate smears on Palcam-Agar plates aerobically for 24 ± 3 hours at 36 ± 1 °C.

Test strain	CFU / 10 ml	Smear of ½ Fraser Broth on Palcam Agar
<i>Listeria monocytogenes</i> Serovar 1/2 ATCC 15313	10-100	≥ 100 colonies with black corona per tube
<i>Listeria monocytogenes</i> Serovar 4a ATCC 19114	10-100	≥ 100 colonies with black corona per tube
<i>Listeria monocytogenes</i> Serovar 4b ATCC 19115	10-100	≥ 100 colonies with black corona per tube
<i>Listeria innocua</i> Serovar 6a ATCC 33090	10-100	≥ 100 colonies with black corona per tube
<i>Enterococcus faecalis</i> ATCC 29212	100-1000	no growth

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