

## Fraser-Bouillon, halbkonzentriert

According to § 64 LFGB

<b>Shorthand symbol:</b>	HFAB
<b>Item number:</b>	60-1034
<b>Format:</b>	Tube, 9ml
<b>Colour:</b>	Yellowish, half-transparent
<b>Storage conditions:</b>	Dry, closed at 15-22°C
<b>Shelf-life:</b>	4 Weeks
<b>pH:</b>	7.2 ± 0.2 at 25°C



### Intended use and fields of application

The Fraser broth (semi-concentrated) is used for the selective enrichment of *Listeria* spp. from food (§ 64 LFGB) and environmental materials.

### Typical composition in g/l

#### in g per 1l Nutrient medium

Meat peptone	5
Casein peptone	5
Meat extract	5
Yeast extract	5
Sodium chloride	20
Sodium hydrogen phosphate	12
Potassium dihydrogen phosphate	1.35
Aesculin	1
Lithium chloride	3
Ammonium Iron (III)-citrate	0,5
Acridavine-Hydrochloride	0.0125
Nalidixic acid	0.01

\*Adjusted as required to meet performance standards

## Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

### Productivity

Incubation conditions: 24 ± 2 hours at 30 ± 1 °C; Inoculum concentration: ≤ 100 CFU

Organism	Test strain	Specification	Colony morphology
Listeria monocytogenes 4b + Escherichia coli + Enterococcus faecalis	ATCC 13932 / WDCM 00021	> 10 colonies of Palcam- Agar	Grey green and black colonies with black background (Palcam)
	+ ATCC 8739 / WDCM 00012		
	+ ATCC 19433 / WDCM 00009		
Listeria monocytogenes 1/2a + Escherichia coli + Enterococcus faecalis	ATCC 35152 / WDCM 00109	> 10 colonies of Palcam- Agar	Grey green and black colonies with black background (Palcam)
	+ ATCC 8739 / WDCM 00012		
	+ ATCC 19433 / WDCM 00009		

### Selectivity

Incubation conditions: 48 ± 2 Stunden bei 37 ± 1 °C; Inoculum concentration: 10.000 - 1.000.000 CFU

Organismus	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Complete inhibition	-
Enterococcus faecalis	ATCC 19433 / WDCM 00009	< 100 Colonies of TSA	-

### Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

### Specification

No microbial contamination