

LISTERIA ENRICHMENT BROTH, BUFFERED

A selective enrichment medium for the detection of *Listeria monocytogenes*.

Dehydrated media	
Code number:	500 g: LEB20500, 5 kg: LEB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **47 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: LEB30100, 500 ml: LEB30500
Tubed media:	150 x 15 mm: LEB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,2 – 7,4

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

Peptones	26,000
Glucose	2,500
Sodium chloride	5,000
Cycloheximide	0,050
Nalidixic acid	0,040
Acriflavine	0,015
Buffers	13,500

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Listeria monocytogenes</i>	ATCC 19115	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	

References: Lovett et al. (1987) J. Food Protection 50: 188.

In vitro diagnostic – for professional use only!