

LITSKY-MALLMANN BROTH

A selective medium for the enrichment and presumptive identification of enterococci.

Dehydrated media	
Code number:	500 g: LMB20500, 5 kg: LMB25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **51 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: LMB30100, 500 ml: LMB30500
Tubed media:	150 x 15 mm: LMB40010 (10 ml)
Colour:	Bluish - red
pH (25 °C):	6,9 – 7,1

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

FORMULA in g/l

Peptones	20,0000
Glucose	15,0000
Potassium chloride	5,0000
Sodium chloride	5,0000
Sodium azide	0,4000
Phenol red	0,0320
Ethyl violet	0,0002
Buffers	5,6000

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>Enterococcus faecalis</i> ATCC 29212		Good	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Litsky, Mallmann, Fifiield (1953) Am. J. Public Health 43 (7): 873..

In vitro diagnostic – for professional use only!