

BLUE BROTH

A differential medium for the differentiation of lactose-positive micro-organisms from lactose-negative ones.

Dehydrated media	
Code number:	500 g: BLB20500, 5 kg: BLB25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **38 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: BLB30100, 500 ml: BLB30500
Tubed media:	150 x 15 mm: BLB40010 (10 ml)
Colour:	Green
pH (25 °C):	7,1 – 7,3

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

FORMULA in g/l

Peptones	10,00
Lactose	20,00
Sodium chloride	4,00
Potassium sulphate	2,00
Ammonium sulphate	1,00
Magnesium sulphate	0,50
Bromothymol blue	0,04
Buffers	0,50

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>Escherichia coli</i>	ATCC 25922	Positive: Colour change to yellow	
<i>Proteus mirabilis</i>	ATCC 29906	Negative: Colour change to blue	

In vitro diagnostic – for professional use only!