

LACTOSE BROTH, PH EUR

A differential medium for the cultivation and presumptive identification of coliforms according to PH EUR (Broth Medium D).



Dehydrated media	
Code number:	500 g: LAB20500, 5 kg: LAB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,7 – 7,1

Direction: Suspend **13 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes fitted with Durham tube and sterilise by autoclaving at 121°C for 15 minutes. Cool quickly!

Prepared media	
Bottled media:	100 ml: LAB30100, 500 ml: LAB30500
Tubed media:	150 x 15 mm: LAB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,8 – 7,0

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

FORMULA in g/l

Gelatin peptone	5
Beef extract	3
Lactose monohydrate	5

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	Good, with gas production	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, without gas production	

References: European Pharmacopoeia