

BROMOCRESOL PURPLE LACTOSE AGAR

A lactose containing differential medium for the detection and enumeration of coliforms.

Dehydrated media	
Code number:	500 g: BPL20500, 5 kg: BPL25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **41,5 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: BPL30100, 500 ml: BPL30500
Plated media:	55 mm: BPL50055, 90 mm: BPL50090
Colour:	Purple
pH (25 °C):	6,9 – 7,1

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	11,500
Lactose	10,000
Sodium chloride	5,000
Bromocresol purple	0,015
Agar	15,000

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 media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. 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, yellow colonies	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, purple colonies	

References: Lenette et al. (1985) Manual of Clinical Microbiology, 4th ed.

In vitro diagnostic – for professional use only!