BLUE AGAR

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

Dehydrated media	
Code number:	500 g: BLU20500, 5 kg: BLU25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **48 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: BLU30100, 500 ml: BLU30500
Plated media:	55 mm: BLU50055, 90 mm: BLU50090
Colour:	Green
pH (25 °C):	7,3 – 7,5

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

FORMULA in g/l

Peptones	20,000
Lactose	10,000
Sodium chloride	5,000
Bromothymol blue	0,045
Agar	13,000

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
Escherichia coli	ATCC 25922 (L+control)	Good, yellow colonies	
Salmonella typhimurium	ATCC 14028 (L - control)	Good, bluish green colonies	

In vitro diagnostic – for professional use only!