

## VIOLET RED BILE LACTOSE AGAR

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

<b>Dehydrated media</b>	
Code number:	500 g: VBL20500, 5 kg: VBL25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	7,2 - 7,6

**Direction:** Suspend **41,5 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Mix well before pouring.

### Warning!

The medium is heat sensitive.  
No further sterilisation is necessary or desirable.

<b>Prepared media</b>	
Bottled media:	100 ml: VBL30100, 500 ml: VBL30500
Plated media:	55 mm: VBL50055, 90 mm: VBL50090
Colour:	Reddish purple
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	10,000
Bile salts	1,500
Lactose	10,000
Sodium chloride	5,000
Neutral red	0,030
Crystal violet	0,002
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:

<b>Test strains</b>	Incubation temp: 37 °C	<b>Growth</b>	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good, purplish red colonies with precipitate halo	
<i>Proteus mirabilis</i>	ATCC 29906	Good, colourless colonies without swarming	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

**References:** APHA (1978) Standard Method for the Examination of Dairy Product. 14<sup>th</sup> ed.  
ISO 4832

**In vitro diagnostic – for professional use only!**