VIOLET RED BILE LACTOSE AGAR

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

Dehydrated media	
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.

Prepared media	
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 salt No.3	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:

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

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

For professional use only!