

BRILLIANT GREEN BILE (2%) BROTH

A selective and differential medium for the detection of coliforms according to the ISO 4831 and ISO 4832.

Dehydrated media	
Code number:	500 g: BBB20500, 5 kg: BBB25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **40 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 115 °C for 15 minutes. Cool quickly!

Warning!

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

Prepared media	
Bottled media:	100 ml: BBB30100, 500 ml: BBB30500
Tubed media:	150 x 15 mm: BBB40010 (10 ml)
Colour:	Green
pH (25 °C):	7,3 – 7,5

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

Casein peptone	10,0000
Bacteriological bile	20,0000
Lactose	10,0000
Brilliant green	0,0133

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, colour change to yellow	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, without gas production and colour change	
<i>Staphylococcus aureus</i>	ATCC 29213	Inhibited	

References: APHA (1986) Standard Methods for the Examination of Water and Wastewater, 15th ed. ISO 4831:2006; ISO4832:2006

In vitro diagnostic – for professional use only!