

## Brilliant Green Bile Lactose Broth

TN 1109 500 g



### Intended use

Used for the selective enrichment of *Escherichia coli* and other coliforms in water, dairy products, foodstuffs (according to § 64 German Food and Feed Code) and from other test materials. This culture medium is used for confirmation of *E. coli* and coliform bacteria in accordance with IDF-Standard 73B:1998.

### Form

Powder

### Colour

Greenish

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

5 years

### Typical composition

Component	g/l
Casein peptone	10
Ox bile	20
Lactose	10
Brilliant green	0.0133

### Directions

Dissolve 40 g in 1 litre distilled water, mix well and distribute into containers with Durham tubes. Autoclave for 15 minutes at 121 °C or heat for 30 minutes at 100 °C. Do not autoclave double-strength broth!

### Final pH at 25 °C

7.2 ± 0.2

### Microbiological quality control

Incubate Brilliant Green Bile Lactose Broth aerobically for 22-26 hours at 30 ± 1 °C.

Test strain	ATCC-No.	CFU/ plate	Growth (turbidity and/or sediment)	Gas formation in Durham tubes
<i>Escherichia coli</i>	8739	10-100	positive	positive
<i>Escherichia coli</i>	25922	10-100	positive	positive
<i>Enterobacter cloacae</i>	13047	10-100	positive	positive
<i>Citrobacter freundii</i>	8090	10-100	positive	positive
<i>Klebsiella oxytoca</i>	49131	10-100	positive	positive
<i>Salmonella</i> Typhimurium	14028	10-100	positive	negative
<i>Proteus mirabilis</i>	29906	10-100	positive	negative
<i>Bacillus cereus</i>	11178	100-1000	negative	negative
<i>Staphylococcus aureus</i>	6538	100-1000	negative	negative
<i>Enterococcus faecalis</i>	29212	100-1000	negative	negative

Date of revision: 2014/03/20

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