



## TECHNICAL DATA SHEET

**DESCRIPTION** BRILLIANT GREEN BILE BROTH WITH DURHAM TUBE  
DOUBLE STRENGTH, BOTTLED

**SGL PRODUCT CODE** 9045

A medium for the selective enrichment, enumeration and confirmation of *Escherichia coli* and other coliform organisms from food, animal feed, water and other materials.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of casein	20.0 g
Lactose	20.0 g
Ox bile	40.0 g
Brilliant green	0.0266 g
Purified water	1000 ml

\*Product may be adjusted and/or supplemented to meet performance criteria

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, bright green liquid
pH at 20-25°C	7.4 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected
Incubation at 42-45°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Citrobacter freundii</i> ATCC 43864 NMT 100 CFU inoculum	Turbidity and gas formation at 29-31°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NMT 100 CFU inoculum	Turbidity and gas formation at 29-31°C incubation after not more than 2 days
<i>Enterococcus faecalis</i> ATCC 19433 NCTC 775 NLT 1000 CFU inoculum	No/slight turbidity and no gas formation at 29- 31°C incubation after not more than 2 days

Product tested at single strength

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).