



# TECHNICAL DATA SHEET

Brilliant Green Bile Broth 2% (BGBB) / BRILA Broth | Cat. No. AS-1152

AuSaMicS Life Science™ | Quality Documentation

## Brilliant Green Bile Broth 2% (BGBB) / BRILA Broth

Selective confirmatory dehydrated culture medium for coliform testing

### PRODUCT IDENTIFICATION

Catalog Number	AS-1152
Product Type	Selective confirmatory broth
Format	Dehydrated powder
Final pH	7.2 ± 0.2 at 25 °C
HS Code	3821.00.00
AHECC / Australia Tariff	3821.00.90

### OVERVIEW

Brilliant Green Bile Broth 2% (BGBB), also known as BRILA Broth, is a selective liquid medium used for confirmatory detection of coliform bacteria in water, wastewater, food, milk, and dairy products.

The formulation combines bile and brilliant green to inhibit much of the accompanying flora, while lactose serves as the fermentable carbohydrate. Gas production in an inverted Durham tube is the principal confirmatory endpoint.

This medium is suitable for use in routine food, dairy, water, and environmental microbiology workflows.

### TYPICAL FORMULA PER LITRE

Ingredient	Amount	Role
Peptone / Peptic Digest	10.0 g	Nutrient base
Lactose	10.0 g	Fermentable carbohydrate
Ox Bile / Oxgall	20.0 g	Selective inhibitor
Brilliant Green	0.0133 g	Selective dye

### APPLICATIONS

- Confirmation of coliform bacteria in drinking water, surface water, and wastewater.
- Most Probable Number (MPN) workflows for food, dairy, and environmental samples.
- Routine microbiological quality control following presumptive coliform tests.

### DIRECTIONS FOR USE

Step	Instruction
1	Suspend 40.01 g medium in 1 L purified or distilled water.
2	Heat with agitation until fully dissolved.
3	Dispense into tubes containing inverted Durham tubes.
4	Autoclave at 121 °C for 15 minutes.



# TECHNICAL DATA SHEET

Brilliant Green Bile Broth 2% (BGBB) / BRILA Broth | Cat. No. AS-1152

AuSaMicS Life Science™ | Quality Documentation

5	Incubate at $35 \pm 0.5$ °C for coliforms, or 44–44.5 °C where thermotolerant coliform methods apply.
---	---

## STORAGE

Dehydrated Medium	Store below 30 °C in a tightly closed container, protected from moisture.
Prepared Tubes	Store at 2–8 °C, protected from light.
Intended Use	For laboratory use only.

## DISCLAIMER

Technical data are provided for laboratory guidance and routine product use. Final suitability should be verified within the user's own methods, matrices, and quality system.