

PRODUCT INFORMATION

Brilliant Green Bile Broth 2%

Cat. No. B02-118



ALPHA[™]
BIOSCIENCES

Date of Issue:
10/01/17

DESCRIPTION

Brilliant Green Bile Broth 2%, also referred to as Brilliant Green Bile Broth or Brilliant Green Bile Lactose Broth, is a medium used for confirming the presence of coliforms in water, sewage and dairy products.

PREPARATION

Mix 40 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

Formula* per Liter:

Pancreatic Digest of Gelatin.....	10.0g
Lactose.....	10.0g
Oxbile.....	20.0g
Brilliant Green.....	0.0133g

Final pH: 7.2 ± 0.2 at 25°C

* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and greenish beige.
2. Visually the prepared medium is green with little or no precipitate.
3. Expected cultural response after 48 hours at 35°C.

Organism:

Escherichia coli ATCC 25922®
Klebsiella pneumoniae ATCC® 13883
Enterococcus faecalis ATCC® 29212
Staphylococcus aureus ATCC® 25923

Result:

Good Growth, Gas production
Good Growth, Gas production
Inhibition, no gas production
Inhibition, no gas production

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.