

PRODUCT INFORMATION

Brilliant Green Bile Broth 2%

Cat. No. B02-118

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.

FORMULA (g/L)

Pancreatic Digest of Gelatin	10.0 g	Ox bile	20.0 g
Lactose	10.0 g	Brilliant Green	0.0133 g

Final pH: 7.2 ± 0.2 at 25 °C

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

PREPARATION

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

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, 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	RESULT
<i>Escherichia coli</i> ATCC 25922	Good Growth – Gas production
<i>Klebsiella pneumoniae</i> ATCC 13883	Good Growth – Gas production
<i>Enterococcus faecalis</i> ATCC 29212	Inhibited – No gas production
<i>Staphylococcus aureus</i> ATCC 25923	Inhibited – 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.

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