



Actero™ Brilliant Green Bile Broth 2% Product Information

Catalogue No.	Description
FCM- 190	Actero™ Brilliant Green Bile Broth 2%, (500 G)
FCM- 189	Actero™ Brilliant Green Bile Broth 2%, (2 KG)
FCM- 188	Actero™ Brilliant Green Bile Broth 2%, (10 KG)

INTENDED USE

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* per Liter:

Pancreatic Digest of Gelatin10.0g
Lactose.....10.0g
Oxbile20.0g
Brilliant Green0.0133g

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 to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

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	Result
<i>Escherichia coli</i> ATCC® 25922	Growth, Gas production
<i>Klebsiella pneumoniae</i> ATCC® 13883	Growth, Gas production
<i>Enterococcus faecalis</i> ATCC® 29212	Inhibition, No gas production
<i>Staphylococcus aureus</i> ATCC® 25923	Inhibition, No gas production

STORAGE INSTRUCTIONS:

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 greenish beige.

