

PRODUCT INFORMATION



Lethen Broth Base, Modified Cat. No. L12-109M

Date of Issue:
10/01/17

DESCRIPTION

Lethen Broth Base, Modified is used to determine the antimicrobial activity of quaternary ammonium compounds.

PREPARATION

Mix 42.8 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 homogeneous, free flowing with soft lump, and tan to yellow beige.
2. Visually the prepared medium is gold to light amber and clear to trace hazy.
3. Expected cultural response after 18-24 hours at 35°C.

Organism:

Enterococcus faecalis ATCC® 29212

Escherichia coli ATCC® 25922

Pseudomonas aeruginosa ATCC® 25923

Staphylococcus aureus ATCC® 25923

Formula* per Liter:

Meat Peptone.....	20.0g
Beef Extract	5.0g
Enzymatic Digest of Casein	5.0g
Yeast Extract.....	2.0g
Lecithin	0.7g
Tween 80	5.0g
Sodium Chloride	5.0g
Sodium Bisulfite	0.1g

Final pH: 7.2 ± 0.2 at 25°C

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

Result:

Growth

Growth

Growth

Growth

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.