

PRODUCT INFORMATION

Your Smarter Culture Media Choice



Lethen Broth Base Cat. No. L12-109

Date of issue
12/09/14

DESCRIPTION

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

PREPARATION

Mix 20.7 grams of the medium in one liter of purified water until evenly dispersed and add 5g of Tween 80. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing with soft lumps, and tan to yellow beige.
2. Visually the prepared medium is gold to light amber, clear to moderate haze.
3. Expected cultural response after 18-24 hours at 35°C.

Organism:

Enterococcus faecalis ATCC® 29212
Escherichia coli ATCC® 25922
Pseudomonas aeruginosa ATCC® 25923
Salmonella typhimurium ATCC® 14028
Staphylococcus aureus ATCC® 25923

Result:

Growth
Growth
Growth
Growth
Growth

Formula* per Liter:

Meat Peptone..... 10.0g
Beef Extract..... 5.0g
Lecithin..... 0.7g
Sodium Chloride..... 5.0g

Final pH: 7.0 ± 0.2 at 25°C

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

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.