

PRODUCT INFORMATION

Letheen Broth with Tween 80

Cat. No. L12-125

DESCRIPTION

Letheen Broth Base w/ Tween 80 is used to determine the antimicrobial activity of quaternary ammonium compounds.

FORMULA (g/L)

Meat Peptone	10.0 g	Beef Extract	5.0 g
Lecithin	0.7 g	Tween 80	5.0 g
Sodium Chloride USP	5.0 g		

Final pH: 7.0 ± 0.2 at 25 °C

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

PREPARATION

Mix 25.7 grams of the medium in one liter of purified water until evenly dispersed. 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, light to moderate haze.
3. Expected cultural response after 18-24 hours at 35°C.

ORGANISM	RESULT
<i>Escherichia coli</i> ATCC 25922	Good Growth
<i>Listeria monocytogenes</i> ATC 7644	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	Good 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.

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