

## PRODUCT INFORMATION

Letheen Agar Base

Cat. No. L12-108

### DESCRIPTION

Letheen Agar Base, when used with Tween 80 is a highly nutritional media containing neutralizing agents for quaternary ammonium compounds. This medium is used in the testing of germicidal activity. Letheen Agar Base, when used with Tween 80 is specified for use by the ASTM in the Standard Test Method in Water Containing Cosmetics.

### FORMULA (g/L)

Enzymatic Digest of Casein	5.0 g	Dextrose	1.0 g
Agar	15.0 g	Beef Extract	3.0 g
Lecithin	1.0 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 grams of the medium and 7 grams of Tween 80 in one liter of purified water until evenly dispersed. Heat with repeated stirring until boiling to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and yellow beige to tan.
2. Visually the prepared agar is light to medium yellow and trace to light hazy.
3. Expected cultural response after 18-24 hours at 35°C.

ORGANISM	RESULT
<i>Escherichia coli</i> ATCC 25922	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth
<i>Staphylococcus epidermidis</i> ATCC 12228	Good Growth
<i>Enterococcus faecalis</i> ATCC 29212	Good Growth
<i>Salmonella typhimurium</i> ATCC 14028	Good Growth
<i>Pseudomonas aeruginosa</i> ATCC 27853	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.