

## PRODUCT INFORMATION

Your Smarter Culture Media Choice



Date of issue  
6/19/14

# EMB Agar, Levine

## Cat. No. E05-103

## DESCRIPTION

EMB (Eosin Methylene Blue) Agar, Levine is a selective and differentiating medium for isolation and identification of Gram-negative Enterobacteriaceae.

### Formula\* per Liter:

Pancreatic Digest of Gelatin.....	10.0g
Dipotassium Phosphate .....	2.0g
Eosin Y .....	0.4g
Lactose .....	10.0g
Methylene Blue .....	0.065g
Agar.....	15.0g

**Final pH:** 7.1 ± 0.2 at 25°C

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

## PREPARATION

Mix 37.5 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, and reddish-purple.
2. Visually the prepared medium to clear to trace hazy and reddish-purple with little or no precipitate.
3. Expected cultural response after 18-48 hours at 35°C.

### Organism:

*Escherichia coli* ATCC® 11775  
*Escherichia coli* ATCC® 25922  
*Escherichia coli* ATCC® 35218  
*Salmonella typhimurium* ATCC® 14028  
*Enterococcus faecalis* ATCC® 29212

### Result:

Growth, Blue-Black Colonies w/ Green Metallic Sheen  
Growth, Blue-Black Colonies w/ Green Metallic Sheen  
Growth, Blue-Black Colonies w/ Green Metallic Sheen  
Growth, Clear Colonies  
Partially inhibited

## 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.