

# PRODUCT INFORMATION

## m Enterococcus Agar

Cat. No. M13-101



**ALPHA**<sup>™</sup>  
BIOSCIENCES

Date of Issue:  
10/01/17

### DESCRIPTION

m-Enterococcus Agar is used for the selective isolation and enumeration of enterococci in water, food and other materials. Tryptose provides the nitrogen, minerals and amino acids in m-Enterococcus Agar. Agar is used as a solidifying agent and Dextrose is the carbon source.

### PREPARATION

Mix 42.0 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. DO NOT AUTOCLAVE.

### QUALITY CONTROL SPECIFICATIONS

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

#### Organism:

*Escherichia coli* ATCC® 25922  
*Enterococcus faecalis* ATCC® 19433  
*Enterococcus faecalis* ATCC® 29212  
*Enterococcus faecalis* ATCC® 33186

#### Formula\* per Liter:

Tryptose .....	20.0g
Yeast Extract .....	5.0g
Dextrose.....	2.0g
Dipotassium Phosphate .....	4.0g
Sodium Azide.....	0.4g
Agar .....	10.0g
2, 3, 5-Triphenyl Tetrazolium Chloride ...	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:

Inhibition  
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.