

PRODUCT INFORMATION

m Enterococcus Agar

Cat. No. M13-101

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. Agar is used as a solidifying agent and Dextrose is the carbon source.

FORMULA (g/L)

Tryptose	20.0 g	Yeast Extract	5.0 g
Dextrose	2.0 g	Dipotassium Phosphate	4.0 g
Sodium Azide	0.4 g	Agar	10.0 g
2,3,5-Triphenyl Tetrazolium Chloride	0.1 g		

Final pH: 7.2 ± 0.2 at 25 °C

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

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	RESULT
<i>Escherichia coli</i> ATCC 25922	Inhibition
<i>Enterococcus faecalis</i> ATCC 19433	Good Growth
<i>Enterococcus faecalis</i> ATCC 29212	Good Growth
<i>Enterococcus faecalis</i> ATCC 33186	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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