

PRODUCT INFORMATION

Eosin Methylene Blue Agar

Cat. No. E05-102

DESCRIPTION

Eosin Methylene Blue Agar is used for the detection of Enterobacteriaceae.

FORMULA (g/L)

Pancreatic Digest of Gelatin	10.0 g	Eosin Y	0.4 g
Lactose	5.0 g	Methylene Blue	0.065 g
Sucrose	5.0 g	Agar	13.5 g
Dipotassium Phosphate	2.0 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 36 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 homogenous, free flowing and faint reddish purple.
2. Visually the prepared medium is trace to light haze and reddish to bluish purple.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Enterococcus faecalis</i> ATCC 29212	Partially inhibited – Colorless colonies
<i>Escherichia coli</i> ATCC 11775	Blue/black colonies, green metallic sheen
<i>Escherichia coli</i> ATCC 35218	Blue/black colonies, green metallic sheen
<i>Salmonella typhimurium</i> ATCC 14028	Colorless colonies



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.

Version 01 – Date 12/04/23