

PRODUCT INFORMATION

MR-VP Broth

Cat. No. M13-105



ALPHA[™]
BIOSCIENCES

Date of Issue:
10/01/17

DESCRIPTION

Broth Medium used in differentiating coliform organisms based on the methyl red and Vogel-Proskauer tests.

PREPARATION

Mix 17 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

Formula* per Liter:

Pancreatic Digest of Casein.....	3.5g
Peptic Digest of Animal Tissue	3.5g
Dextrose.....	5.0g
Potassium Phosphate	5.0g

Final pH: 6.9 ± 0.2 at 25°C

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

QUALITY CONTROL SPECIFICATIONS

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

Organism:

Enterobacter aerogenes ATCC® 13048
Escherichia coli ATCC® 25922

Result:

Growth, MR-, VP+
Growth, MR+, VP-

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.