

# Methyl Red Voges Proskauer Saline Broth

Art. No. 02-456

## Also known as

MRVP saline broth

## Specification

Liquid culture medium for Methyl Red and Voges-Proskauer (VP) tests in marine bacteria.

## Formula\* in g/L

Peptone ..... 7,00  
 Dextrose.....5,00  
 Sodium chloride.....30,00  
 Dipotassium phosphate..... 5,00  
 Final pH 7,4 ± 0,2 at 25°C

\* Adjusted and /or supplemented as required to meet performance criteria

## Directions

Dissolve 47 g of powder in 1 L of distilled water, heating only if necessary. Distribute into suitable containers and sterilize in the autoclave at 121°C for 15 minutes.

## Description

This medium is used to perform Methyl Red and Voges-Proskauer tests on marine enteric bacteria. The fundamentals of these reactions are described in Methyl-Red Voges-Proskauer Broth (Art. No. 02-207).

## Storage

For laboratory use only. Keep tightly closed, away from bright light, in a cool dry place (+4°C to 30°C and <60% RH).

## Quality control

**Incubation temperature:** 35°C ± 2,0

**Incubation time:** 48 h - 3 days

**Inoculum:** 10.000 - 100.000 CFU

Microorganism	Growth	Remarks
<i>Vibrio parahaemolyticus</i> ATCC 17802	Good	VP (-) RM (+)
<i>Vibrio alginolyticus</i> ATCC 17749	Good	VP (-) RM (+)



Voges Proskauer test

Left: Uninoculated tube (Control)  
 Centre: *Vibrio alginolyticus* ATCC 17749  
 Right: *Vibrio parahaemolyticus* ATCC 17802



Methyl Red test