

# PRODUCT INFORMATION



## Rapport-Vassiliadis R10 Broth

Cat. No. R18-101

Date of Issue:  
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### DESCRIPTION

Rapport-Vassiliadis R10 Broth is used for the selective enrichment of *Salmonella spp.* from meat products, feces and water polluted by sewage.

### PREPARATION

Mix 26.6 grams of the medium in one liter of purified water until evenly dispersed. Heat gently with repeated stirring to dissolve completely. Autoclave at 116°C (10 lb. pressure) for 15 minutes.

#### Formula\* per Liter:

Enzymatic Digest of Casein .....	4.5g
Sodium Chloride .....	7.2g
Potassium Dihydrogen Phosphate.....	1.45g
Magnesium Chloride Anhydrous.....	13.4g
Malachite Green Oxalate .....	0.036g

**Final pH:** 5.1 ± 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 pale to light mint green.
2. Visually the prepared medium is clear and dark turquoise.
3. Expected cultural response after 18-48 hours at 41.5 ± 0.5°C followed by subculture 10-3 dilution onto Brilliant Green Agar and incubated at 35±2°C for 18-24 hours.

#### Organism:

*Escherichia coli* ATCC® 25922  
*Proteus vulgaris* ATCC® 13315  
*Salmonella arizonae* ATCC® 13314  
*Salmonella typhimurium* ATCC® 14028

#### Result:

Inhibited  
Inhibited  
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.