

PRODUCT INFORMATION

Rappaport-Vassiliadis R10 Broth

Cat. No. R18-101

DESCRIPTION

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

FORMULA (g/L)

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

Final pH: 5.1 ± 0.2 at 25 °C

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

PREPARATION

Mix 26.6 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 116°C (10 lb. pressure) for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, 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	RESULT
<i>Escherichia coli</i> ATCC 25922	Inhibited
<i>Proteus vulgaris</i> ATCC 13315	Inhibited
<i>Salmonella arizonae</i> ATCC 13314	Good Growth
<i>Salmonella typhimurium</i> ATCC 14028	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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