

## RAPPAPORT VASSILIADIS SALMONELLA ENRICHMENT BROTH EP

**Powdered selective liquid medium for the detection of *Salmonella*  
in pharmaceutical non sterile products, according harmonized method EP, USP, JP.**

### TYPICAL FORMULA (g/L)

Soy Peptone	4.500
Sodium Chloride	8.000
Potassium Dihydrogen Phosphate	0.600
Dipotassium Hydrogen Phosphate	0.400
Magnesium Chloride anhydrous	13.580*
Malachite Green	0.036

\* corresponding to Magnesium Chloride Hexahydrate 29,0 g/L

### DIRECTIONS

Suspend 27,1gg in 1000 mL of cold distilled water. Heat to dissolve, then distribute 10 mL into screw-cap bottles or tubes and sterilise in an autoclave using a validated cycle at a temperature not exceeding 115°C for 15 minutes.

Final pH 5,2 ± 0,2 at 25°C

### DESCRIPTION

Rappaport Vassiliadis Salmonella Enrichment Broth EP is used as a selective enrichment medium for the isolation of *Salmonella* species other than *S.typhi* and *S.paratyphi*, from pharmaceutical products. The formulation complies with the specification of European Pharmacopoeia.

### TECHNIQUE

For the isolation of *Salmonella* from pharmaceutical products the technique recommended by European Pharmacopoeia should be followed:

Prepare the product in TSB broth, as described in EP. Incubate at 30-35 °C for 18-24 h.

Transfer 0,1 mL of TSB broth to 10 mL of Rappaport Vassiliadis Salmonella Enrichment Broth EP and incubate at 30-35 °C for 18-24 h.

Subculture on plates of xylose, lysine, deoxycholate agar and incubate at 30-35 °C for 18-48 h.

The possible presence of Salmonella is indicated by the growth of well-developed, red colonies, with or without black centres. This is confirmed by identification tests.

### USER QUALITY ASSURANCE

For the Quality Control refer to the EP current edition.

### STORAGE

Dehydrated medium: 10-30°C. Keep the bottle tightly closed away from bright light.

### PRECAUTION

Consult the material safety data sheet before the use

### REFERENCES

- European Pharmacopoeia

### PACKAGING

**4019792                    Rappaport Vassiliadis Salmonella Enrichment Broth, 500g (18.38 L)**  
**4019794                    Rappaport Vassiliadis Salmonella Enrichment Broth, 5 kg (183.8 L)**