

# Product Specification Sheet

## *Rappaport Vassiliadis (RV) Enrichment Broth*

Intended Usage: A selective enrichment broth for isolation of *Salmonella* species.

For professional use only.

<b>TV5017E</b>	
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**Thermo Scientific™ Rappaport Vassiliadis (RV) Enrichment Broth**

Form of Product	Poured tube
Storage	2 – 25°C, dark
Filling weight	9.5 – 10.5 g
Packaging	50 tubes in a box
pH	5.2 ± 0.2
Appearance	Pearl gentian blue, transparent
Shelf life	26 weeks
Intended Usage	A selective enrichment broth for isolation of <i>Salmonella</i> species.
Technique	For professional use only. Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0669.

Typical formulation*	Classical formulation (grams in 1110 ml)
Soya peptone	5.0
Sodium chloride	8.0
Potassium dihydrogen phosphate	1.6
Magnesium chloride 6 x [H <sub>2</sub> O]	40.0
Malachite green	0.04

\*Adjusted as required to meet performance standards.

## Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination check  
 ≥ 72 h @ 20 – 25 °C, aerobic  
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological Control

Positive Control	Growth
<b>Mixed culture</b>	
<b>Inoculum 10-100 colony forming units (cfu) mixed with <math>\geq 10^4</math> cfu, control medium TSA</b> <b>Incubation conditions: 21 – 27 h @ 41.5 <math>\pm</math> 1°C, aerobic</b> <b>Subculture onto X.L.D. Medium</b>	
<i>Salmonella</i> Typhimurium ATCC® 14028™ (WDCM 00031)	Good growth, transparent colonies with black centres on X.L.D. Medium
+ <i>Escherichia coli</i> ATCC® 8739™ (WDCM 00013)	No growth on X.L.D. Medium.
+ <i>Pseudomonas aeruginosa</i> ATCC® 27853™ (WDCM 00025)	No growth on X.L.D. Medium.

Negative Controls	Growth
<b>Inoculum <math>\geq 10^4</math> cfu, control medium TSA</b> <b>Incubation conditions: 21 – 27 h @ 41.5 <math>\pm</math> 1°C, aerobic</b> <b>Subculture onto TSA Medium</b>	
<i>Enterococcus faecalis</i> ATCC® 29212™ (WDCM 00087)	Complete inhibition ( $\leq 10$ cfu) on Tryptone Soya Agar
<i>Escherichia coli</i> ATCC® 8739™ (WDCM 00013)	Partial inhibition ( $\leq 100$ cfu) on Tryptone Soya Agar

Tested in accordance with ISO 11133.

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