

Product Specification Sheet

Rappaport-Vassiliadis Soya Peptone Broth (RVS)

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

For professional use only.

TV5036E	
Version: 15	Revision Date: 20 May 2020

Thermo Scientific™ Rappaport-Vassiliadis Soya Peptone Broth (RVS)

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 the isolation of <i>Salmonella</i> species. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0866.

Typical formulation*	g/l
Soya peptone	4.5
Sodium chloride	7.2
Potassium dihydrogen phosphate	1.26
Dipotassium hydrogen phosphate	0.18
Magnesium chloride	13.4
Malachite green	0.036

*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
Mixed culture	
Inoculum 10 – 100 colony forming units (cfu) mixed with ≥ 10⁴ cfu, control medium TSA Incubation conditions: 21 – 27 h @ 41.5 ± 1°C, aerobic Subculture onto X.L.D. Medium	
<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
Inoculum ≥ 10⁴ cfu, control medium TSA Incubation conditions: 21 – 27 h @ 41.5 ± 1°C, aerobic Subculture onto TSA Medium	
<i>Enterococcus faecalis</i> ATCC® 29212™ (WDCM 00087)	Complete inhibition (≤ 10 cfu) on Tryptone Soya Agar
<i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012)	Partial inhibition (≤ 100 cfu) on Tryptone Soya Agar

Tested in accordance with ISO 11133.
 The formulation of this medium conforms to ISO 6579.

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