



## TECHNICAL DATA SHEET

**DESCRIPTION** RAPPAPORT-VASSILIADIS SOYA PEPTONE (RVS) BROTH (ISO), BOTTLED

**SGL PRODUCT CODE** 3192

A selective enrichment medium designed to recover *Salmonella* species as described in ISO 11133 and ISO 6579 and also known as Rappaport-Vassiliadis medium with soya (RVS broth).

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of soya	4.5 g
Sodium chloride	7.2 g
Potassium dihydrogen phosphate	1.26 g
Dipotassium hydrogen phosphate	0.18 g
Magnesium chloride anhydrous	13.4 g
Malachite green oxalate	0.036 g
Purified water	1000 ml

\*Product may be adjusted and/or supplemented to meet performance criteria

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, blue liquid
pH at 20-25°C	5.2 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 5 days	No growth detected
Incubation at 40.5-42.5°C for 5 days	No growth detected



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Salmonella typhimurium</i> ATCC 14028 NMT 100 CFU inoculum + <i>Escherichia coli</i> ATCC 8739 NLT 10 <sup>4</sup> CFU inoculum + <i>Pseudomonas aeruginosa</i> ATCC 27853 NLT 10 <sup>4</sup> CFU inoculum	>10 characteristic colonies (CFU) when grown on XLD at 40.5 – 42.5°C for 21 - 27 hrs.
<i>Escherichia coli</i> ATCC 8739 NLT 10 <sup>4</sup> CFU inoculum	Partial inhibition ≤100 colonies (CFU) when grown on TSA at 40.5 – 42.5°C for 21 - 27 hrs
<i>Enterococcus faecalis</i> ATCC 19433 NLT 10 <sup>4</sup> CFU inoculum	<10 colonies (CFU) when grown on TSA at 40.5 – 42.5°C for 21 - 27 hrs

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).