



## TECHNICAL DATA SHEET

**DESCRIPTION** MODIFIED SEMISOLID RAPPAPORT VASSILIADIS (MSRV)  
MEDIUM, ISO (OXOID), BOTTLED

**SGL PRODUCT CODE** 3605

A medium for the selective detection of motile *Salmonella* species from samples. The product contains novobiocin antibiotic to inhibit non-Salmonella bacteria. Medium meets ISO 6579:2002 formulation requirements.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal and plant tissue	4.6 g
Acid hydrolysate of casein	4.6 g
Sodium chloride	7.3 g
Potassium dihydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> )	1.5 g
Magnesium chloride anhydrous (MgCl <sub>2</sub> )	10.9 g
Malachite green oxalate	0.04 g
Agar	2.7 g
Novobiocin sodium	0.01 g
Purified water	1000 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Blue, semi solid
pH at 20-25°C	5.1 – 5.4

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected
Incubation at 42-45°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Salmonella enteritidis</i> NCTC 5188	Growth at site of inoculum surrounded by white/grey halo at 42-45°C incubation after not more than 20 hours. Individual colonies are straw coloured
<i>Salmonella typhimurium</i> ATCC 14028	Growth at site of inoculum surrounded by white/grey halo at 42-45°C incubation after not more than 20 hours. Individual colonies are straw coloured
<i>Escherichia coli</i> ATCC 8739	Growth inhibited at 42-45°C incubation after not more than 20 hours



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Enterococcus faecalis</i> ATCC 19433	Growth inhibited at 42-45°C incubation after not more than 20 hours

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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