

OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION
RAPPAPORT-VASSILIADIS (RV) ENRICHMENT BROTH CM0669
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CM0669
Typical Formula*

grams per litre

Soya peptone	5.0
Sodium chloride	8.0
Potassium dihydrogen phosphate	1.6
Magnesium chloride .6H ₂ O	40.0
Malachite green	0.04

* adjusted as required to meet performance standards

Directions

Suspend 30g (the equivalent weight of dehydrated medium per litre) in 1 litre of distilled water. Heat gently until dissolved completely. Mix well and distribute into final containers. Sterilize by autoclaving at 115°C for 15 minutes. The medium is very hygroscopic and must be protected from moisture.

Physical Characteristics

Straw/green, free-flowing coarse powder
 Colour on reconstitution - blue
 Moisture level - less than or equal to 7%
 pH - 5.2 ± 0.2 at 25°C
 Clarity - clear

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Inoculate 10ml quantities of medium to achieve 10-100 colony-forming units/ml (cfu/ml). Incubate broths at 41°C for 24 hours. Subculture onto Tryptone Soya Agar (CM0131) and incubate plates at 37°C for 24 hours.

<i>Salmonella enteritidis</i>	ATCC®13076	1-3mm straw colonies
<i>Salmonella typhimurium</i>	ATCC®14028	1-3mm straw colonies
<i>Salmonella nottingham</i>	NCTC7832	1-3mm straw colonies


A satisfactory result is represented by recovery of *Salmonella* strains equal to or greater than a 2 log (10) increase.

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Inoculate 10ml quantities of medium to achieve 1E+02 to 1E+04 cfu/ml of the test organism. Incubate broths at 41°C for 24 hours. Subculture onto Tryptone Soya Agar (CM0131) and incubate plates at 37°C for 24 hours.

Escherichia coli ATCC®8739
Enterococcus faecalis ATCC®29212

Negative strains are inhibited or shall produce at least a 2 log (10) reduction.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Removal of Statement (ISO/CEN 11133-2 control strains are included in the test panel). Update to new format and the correction of typographical/minor errors. Addition of Control Media and Result Criteria.	Change control	BT-CC-2384