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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
MODIFIED SEMI-SOLID RAPPAPORT VASSILIADIS BASE (ISO) (CM1112)		

MODIFIED SEMI-SOLID RAPPAPORT VASSILIADIS BASE (ISO)

CM1112

Typical Formula*

Enzymatic digest of animal & plant tissue	grams per litre	4.6
Acid hydrolysate of casein		4.6
Sodium chloride		7.3
Potassium dihydrogen phosphate		1.5
Magnesium chloride anhydrous		10.9
Malachite green oxalate		0.04
Agar		2.7

* adjusted as required to meet performance standards

Directions

Suspend 31.6g in 1 litre of distilled water. With frequent agitation, bring to the boil to dissolve completely. Cool to 50°C and aseptically add the contents of 1 vial of Novobiocin Selective Supplement (SR0181E), reconstituted as directed. Mix well and pour into sterile Petri dishes. Air-dry for at least one hour. This medium is very hygroscopic and must be protected from moisture. DO NOT AUTOCLAVE.

Physical Characteristics

Green, free-flowing powder
 Colour on reconstitution - blue
 Moisture level - less than 7%
 pH 5.1 to 5.4 at 25°C
 Clarity - clear
 Gel strength - semi-solid, comparable to 2.7g/litre of agar

Microbiological Tests Using Optimum Inoculum Dilution

Control Media: Tryptone Soya Agar

Tested with the addition of Novobiocin Supplement SR0181

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Testing performed in accordance with ISO11133:2014

Reactions after incubation at 41.5 ± 2°C for 48 ± 3 hours

Incubate plates in an upright position.

Medium is challenged with 1E+03 to 1E+04 cfu/0.1ml

<i>Salmonella typhimurium</i>	ATCC® 14028	WDCM00031	Grey/white turbid zone
<i>Salmonella enteritidis</i>	ATCC® 13076	WDCM00030	Grey/white turbid zone
<i>Salmonella nottingham</i>	NCTC 7832		Grey/white turbid zone

A satisfactory result is represented by reactions in accordance with the specification.

Medium is challenged with 1E+04 to 1E+05 cfu/0.1ml

<i>Escherichia coli</i>	ATCC® 8739	WDCM00012	No zone
<i>Escherichia coli</i>	ATCC® 25922	WDCM00013	No zone
<i>Enterococcus faecalis</i>	ATCC® 19433	WDCM00009	No zone
<i>Enterococcus faecalis</i>	ATCC® 29212	WDCM00087	No zone

Negative strains shall produce no zones.

Revision History

Section / Step	Description of Change	Reason for Change	Reference
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Creation of ISO11133 section	Update to include testing of ISO11133:2014	Change control	BT-CC-1398
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