QUALITY CONTROL CERTIFICATE

Tritium MICROBIOLOGIE

Product name	: Rappaport Broth (RVS) conform ISO 6579		
Abbreviation	: RVS	Batch number	: 20210800694
Article code	: R151.25.0010	Storage temp.	: 2-25 °C
Filling Volume	: 10 ml	Expiration date	: 31-08-2022
		(for sealed enclosure as dd-mm-yyyy)	

Typical Formula

*Ingredients per litre of nutrient medium * :*

Papaic digest of soja	4.50	gr
Sodium chloride	7.20	gr
Monopotrassium phosphate	1.26	gr
Dipotassium phosphate	0.18	gr
Magnesium chloride, anhydrous	13.4	gr
Malachite green (oxalate)	36	mg
Demiwater	1000	ml

** Adjusted as required to meet peformance standards.*

Physical Properties

Test	Criterium	Result	Conforms
pH	5,2 ± 0,2	5,0	C
Color	blue	blue	C
Consistency	broth	broth	C
Appearance	Clear:Yes Partic.:No	Clear:Yes Part.:No	C

Sterility Check

Incubation-condition		Result	Conforms
44-52 hours	30 ±1 °C	Sterile	C

Growth Properties on next page.

Quality Control Certificate

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Growth Properties

- **Incubation-condition : 21-27 hours 41,5 ±1 °C Aerobic +Transfer : 21-27 hours 37 ±1 °C Aerobic**

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
14028+25922+27853	ATCC MIX6	11	>10 red,black centre XLD	n.a.	46	2	≥ 2	C
13076+8739+27853	ATCC MIX5	11	>10 red,black centre XLD	n.a.	62	2	≥ 2	C
Enterococcus faecalis	ATCC 29212 WDCM 00087 NCTC 12697	12	<10 colonies	n.a.	54000	0	≤ 1	C
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	12	=<100 colonies	n.a.	72000	0	≤ 1	C

* Method 11 = TV 5.11 Selective enrichment media ; Productivity of liquid media ; qualitative method (acc. ISO 11133)
Result: Turbidity ; 2 = good, 1 = slight, 0 = no turbidity ; Target inoculum <=100 cfu, non Target inoculum >=1000 cfu

* Method 12 = TV 5.12 Selective enrichment media ; Selectivity of liquid media ; qualitative method (acc. ISO 11133)
Result: Turbidity ; 2 = good, 1 = slight, 0 = no turbidity ; inoculum 10^3-10^4 cfu

** Electivity denotes the properties of the colony and/or their effect on the morphological characteristics of the medium
CFU denotes Colony Forming Units counted on batch. CFU-ref denotes Colony Forming Units counted on reference plate.
C = Conforms
Do not expose the product to intense light.
The test results reported on this quality control certificate were obtained from a sample of the batch.

MIX 6	Stam	CFU
ATCC 14028 Salmonella Typhimurium	Target	=<100 (=CFU-ref)
ATCC 25922 Escherichia coli	Non-target	>1000
ATCC 27853 Pseud. aeruginosa	Non-target	>1000
MIX 5	Stam	CFU
ATCC 13076 Salmonella Enteritidis	Target	=<100 (=CFU-ref)
ATCC 8739 Escherichia coli	Non-target	>1000
ATCC 27853 Pseud. aeruginosa	Non-target	>1000

Our microbiological quality control is carried out by our microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration number: RvA-L 614).
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report R20210800694.

Acceptance date:
02-09-2021
Authorisation QC:
Peggy Spaan
08-09-2021
(dd-mm-yyyy)

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