

QUALITY CONTROL CERTIFICATE



Product name : Legionella-GVPC-Selektivagar
Abbreviation : GVPC
Article code : 40-1602
Filling Volume : 18 ml

Batch number : 16022005
Storage temp. : 4-25 °C
Expiration date : 03-10-2023
(for sealed enclosure as dd-mm-yyyy)

Typical Formula

Ingredients in gram per litre of nutrient medium * :

Yeast extract	10
Activated charcoal	2
ACES buffer	10
L-Cysteine	0.4
Iron (III) pyrophosphate	0.25
Alpha-Ketoglutarate	1
Potassium hydroxide	2.8
Agar	13
Glycine	3
Polymyxin B [IE]	80000
Vancomycin [mg]	1
Cycloheximide	0.08

* Adjusted as required to meet performance standards.

Physical Properties

Test	Criterion	Result	Conforms
pH	6.8 ± 0.2	6.8	C
Color	black	black	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:No Partic.:No	Clear:No Part.:No	C

Microbial Contamination

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	No contamination	C

Growth Properties on next page.

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Growth Properties

• Incubation-condition : 116-124 hours 36 ±2 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Legionella pneumophila	ATCC 33152	06	grey-white	80	108	0.74	≥ 0.5	C
	WDCM 00107							
	NCTC 11192							
Legionella anisa	ATCC 35292	06	grey-white	94	82	1.15	≥ 0.5	C
	WDCM 00106							
	NCTC 11974							

• Incubation-condition : 69-72 hours 37 ±1 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Escherichia coli	ATCC 25922	07	cream	n.a.	81000	1	≤ 1	C
	WDCM 00013							
	NCTC 12241							
Enterococcus faecalis	ATCC 19433	07	n.a.	n.a.	49000	0	≤ 0	C
	WDCM 00009							
	NCTC 775							

* Method 06 = TV 5.06 Selective enumeration agar ; Productivity of solid media ; quantitative method (acc. ISO 11133)
Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum 10² cfu

* Method 07 = TV 5.07 Selective enumeration agar ; Selectivity of solid media ; qualitative method (acc. ISO 11133)
Result: Growth ; 2 = good, 1 = slight, 0 = no growth ; inoculum 10⁴-10⁶ 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.
n.a = Not Applicable. Crit.= Criterium C = Conforms
Keep protected from light and at a constant temperature.
The test results reported on this quality control certificate were obtained from a sample of the batch.

Xebios Diagnostics Group is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by our EN ISO/IEC 17025 accredited laboratory (RVA Registration no: RvA-L 614) at Tritium Microbiologie BV, Eindhoven.
Tritium Microbiologie BV is part of Xebios Diagnostics Group.
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report X20230701147.

Release Date :
18-07-2023
(dd-mm-yyyy)

Crit.version :6 Document ID : Q20230701147