

# QUALITY CONTROL CERTIFICATE



**Xebios**  
Diagnostics

Product name : Legionella-GVPC-Selective-Agar (ISO 11731)  
Abbreviation : GVPC  
Article code : 40-1602  
Filling Volume : 18 ml

Batch number : 16021641  
Storage temp. : 4-25 °C  
Expiration date : 01-03-2022  
(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***

<b>Test</b>	<b>Criterion</b>	<b>Result</b>	<b>Conforms</b>
pH	6.8 ± 0.2	6.6	C
Color	Black	Black	C
Consistency	agar	agar	C
Gel Strength		Conforms	C
Appearance	Clear:No Partic.:No	Clear:No Part.:No	C

## ***Sterility Check***

<b>Incubation-condition</b>	<b>Result</b>	<b>Conforms</b>
44-52 hours 30 ±1 °C	Sterile	C

***Growth Properties on next page.***

# Quality Control Certificate

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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	64	88	0.73	≥ 0.5	C
	WDCM 00107							
	NCTC 11192							
Legionella anisa	ATCC 35292	06	grey-white	47	89	0.53	≥ 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	n.a.	n.a.	59000	0	≤ 1	C
	WDCM 00013							
	NCTC 12241							
Enterococcus faecalis	ATCC 19433	07	n.a.	n.a.	58000	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 10<sup>2</sup> 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 10<sup>4</sup>-10<sup>6</sup> 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 X = Does not conform - = Not tested

Keep protected from light and at a constant temperature.

The test results reported on this report were obtained from a sample of the batch submitted to the laboratory.

Xebios is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by a microbiological laboratory accredited according to EN ISO/IEC 17025. (RvA Registration no.: RvA-L 614).  
Results were obtained from laboratory report X20211102711.

Release Date :  
20-12-2021  
(dd-mm-yyyy)

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