

QUALITY CONTROL CERTIFICATE



Product name : Legionella-GVPC-Selective-Agar (ISO 11731) 10 PCS; Petri Dis
Abbreviation : GVPC Batch number : 16021714
Article code : 40-1602 Storage temp. : 4-25 °C
Filling Volume : 18 ml Expiration date : 02-08-2022
(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

Test	Criterion	Result	Conforms
pH	6.8 ± 0.2	6.7	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

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 : 116-124 hours 36 ±2 °C Aerobic

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Legionella pneumophila	ATCC 33152 WDCM 00107 NCTC 11192	06	grey-white	91	96	0.95	≥ 0.5	C
Legionella anisa	ATCC 35292 WDCM 00106 NCTC 11974	06	grey-white	80	87	0.92	≥ 0.5	C

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

Micro-organisms	Strain	Method*	Electivity**	CFU	CFU-ref	Result	Crit.	Conf.
Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	07	n.a.	n.a.	20000	0	≤ 1	C
Enterococcus faecalis	ATCC 19433 WDCM 00009 NCTC 775	07	n.a.	n.a.	17000	0	≤ 0	C

- * 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.
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).
This laboratory certificate is generated electronically and valid without a signature.
Results were obtained from laboratory report X20220503551.

Release Date :
19-05-2022
(dd-mm-yyyy)

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