

QUALITY CONTROL CERTIFICATE



Product name : Legionella-BCYE-Agar (with Cystein ISO 11731)
 Abbreviation : BCYE+CYS
 Article code : 40-1603
 Filling Volume : 18 ml
 Batch number : 16030724
 Storage temp. : 4-25 °C
 Expiration date : 31-07-2022
 (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

* 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

Sterility Check

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

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	04	grey-white	95	87	1.09	≥ 0.7	C
	WDCM 00107							
	NCTC 11192							

* Method 04 = TV 5.04 Non-selective enumeration agar ; Productivity of solid media ; quantitative method (acc. ISO 11133)
 Result: Productivity-Ratio (cfu test / cfu ref) ; inoculum 10⁶2 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.

Quality Control Certificate

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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 X20220103251.

Release Date :
07-02-2022
(dd-mm-yyyy)

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