

# QUALITY CONTROL CERTIFICATE



Product name : Legionella-BCYE-Agar (mit Cystein)  
Abbreviation : BCYE+CYS  
Article code : 40-1603  
Filling Volume : 18 ml

Batch number : 16031068  
Storage temp. : 4-25 °C  
Expiration date : 11-02-2024  
*(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

## Microbial Contamination

Incubation-condition	Result	Conforms
44-52 hours 30 ± 1 °C	No contamination	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	04	grey-white	99	82	1.21	≥ 0.7	C
	WDCM 00107							
	NCTC 11192							
Legionella anisa	ATCC 35292	04	grey-white	126	99	1.27	≥ 0.7	C
	WDCM 00106							
	NCTC 11974							

\* 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 10<sup>2</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.  
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 X20230801882.

Release Date :  
22-08-2023  
(dd-mm-yyyy)

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