

# 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 : 16030773  
 Storage temp. : 4-25 °C  
 Expiration date : 02-11-2022  
(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	106	97	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 10<sup>6</sup>2 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.= Criterion 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.

# 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 X20220505857.

Release Date :  
01-06-2022  
(dd-mm-yyyy)

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