

Product Specification Sheet

Legionella BCYE-Agar w/o L-Cysteine

Intended Usage: A medium for the presumptive confirmation of *Legionellaceae*.

For professional use only.

PO5028A	
Version: 08	Revision Date: March 2020

Thermo Scientific™ Legionella BCYE-Agar w/o L-Cysteine

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	6.8 ± 0.2
Appearance	Traffic black to Jet black, opaque
Shelf life	26 weeks
Intended Usage	A medium for the presumptive confirmation of <i>Legionellaceae</i> . For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0655 / SR0175.

Typical formulation*	g/l
Activated charcoal	2.0
Yeast Extract	10.0
ACES-buffer	10.0
Potassium hydroxide	2.8
Iron (III) pyrophosphate	0.25
α-Ketoglutarate	1.0
Agar	12.0

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination check
 ≥ 72 h @ 20 – 25 °C, aerobic
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Control	Growth
Inoculum 10³ – 10⁴ colony forming units (cfu), qualitative, control medium COL+SB. Incubation conditions: 48-120 h @ 36 ± 2°C, aerobic, humid atmosphere	
<i>Escherichia coli</i> CIP106878	Good growth, cream shiny colonies.

Negative Controls	Growth
Inoculum ≥ 10⁴ cfu, quantitative, control medium BCYE Incubation conditions: 48-120 h @ 36 ± 2°C, aerobic, humid atmosphere	
<i>Legionella pneumophila</i> ATCC®33152™ (WDCM 00107)	No growth.
<i>Legionella pneumophila</i> ATCC®33156™ (WDCM 00180)	No growth.

Tested in accordance with ISO 11133.

The formulation of this medium conforms to ISO 11731 and NF T 90-431.

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