

Product Specification Sheet

Legionella BCYE Medium with Antibiotics

Intended Usage: A medium for the isolation of *Legionellaceae*.

For professional use only.

PO5325A

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Thermo Scientific™ Legionella BCYE Medium with Antibiotics

Form of Product	Poured plate
Storage	6 – 12°C
Filling weight	20 g ± 5 %
Packaging	10 plates wrapped in film
pH	6.8 ± 0.2
Colour	Traffic Black to Jet black, opaque
Shelf life	10 weeks
Intended Usage	A selective medium for the isolation of <i>Legionellaceae</i> . For professional use only.
Technique	Depends on the different methods. For information see ISO11731:2016.

Typical formulation*	g/l
Activated charcoal	2.0
Yeast extract	10.0
ACES-buffer	10.0
Potassium hydroxide	2.8
Ferric pyrophosphate	0.25
L-Cysteine hydrochloride	0.4
α-Ketoglutarate	1.0
Pimaricin	0.07
Polymyxin B	80 000 IU
Cefazolin	0.009
Agar	13.0

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labeling and printing.
2. Control for sterility
> 72 h @ 25 ± 1°C, aerobic
> 72 h @ 36 ± 1°C, aerobic
3. Biological control
Inoculum size for productivity: 10 – 100 cfu
Inoculum size for selectivity: 10⁴ – 10⁵ cfu

Incubation conditions: 72 h @ 36 ± 1°C, high humid atmosphere (>90%), membrane filtration and spread plate method.

Control Strain	Growth
<i>Legionella pneumophila</i> ATCC® 33152™ (WDCM 00107)	2 – 6 mm, grey-blue colonies.
<i>Legionella anisa</i> ATCC® 35292™ (WDCM 00106)	2 – 4 mm, grey-blue colonies.

Incubation conditions: 72 h @ 36 ± 1°C, high humid atmosphere (>90%)

Control Strain	Growth
<i>Escherichia coli</i> ATCC® 8739™ (WDCM 00012)	Total or partial inhibition.

Tested in accordance with ISO 11133:2014.
The formulation of this medium conforms to ISO 11731:2016.



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