

Product Specification Sheet

Legionella MWY Selective Medium

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

For professional use only.

PO5071A	
Version: 12	Revision Date: March 2020

Thermo Scientific™ Legionella MWY Selective Medium

Form of Product	Poured plate
Storage	2 – 12°C, dark
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	8 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 Specification Sheet for Thermo Scientific™ Oxoid™ CM0655 / SR0110 / SR0118.

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
L-Cysteine hydrochloride	0.4
α-Ketoglutarate	1.0
Glycine	3.0
Polymixin B	50000 IU
Anisomycin	0.08
Vancomycin	0.001
Bromothymol blue	0.01
Bromocresol purple	0.01
Agar	13.0

*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 Controls	Growth
Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 72 – 96 h @ 36 ± 2°C, humid atmosphere	
<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.
Colony counts shall be ≥ 50% of the control medium (BCYE Agar).	

Negative Controls	Growth
Inoculum 10⁴ – 10⁵ cfu, qualitative, control medium COL+SB Incubation conditions: 72 – 96 h @ 36 ± 2°C, humid atmosphere	
<i>Escherichia coli</i> ATCC®8739™ (WDCM 00012)	Total or partial inhibition.
<i>Enterococcus faecalis</i> ATCC®19433™ (WDCM 00009)	Total inhibition

Tested in accordance with ISO 11133.

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

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