

# Liofilchem®

## Certificate of Analysis

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Product	Batch	Expiration date
<b>Legionella MWY Agar</b> Ref. 10127	051625074	2025.11.12

Physical quality control	Specification	Results
Expected pH-value (25°C)	6.8 ± 0.2	7.0
Appearance of medium	Opaque	Conforms
Colour of medium	Black	Conforms

### Microbiological State

Sampled according to ISO 2859-1, Special Inspection Level: S-2

Incubation	Specification	Results
7 d / 35 ± 2 °C	No growth	Conforms
7 d / 22 ± 2 °C	No growth	Conforms

All units of this batch were checked before packaging.

### Microbiological Performance

Tested according to CLSI M22, EN ISO 11133, ISO 11731

Reference media: BCYE Agar

### Productivity, Method of control: Quantitative

Inoculum: 50-100 CFU

Control strains	Incubation	Expected Results	Specification	Results
<i>Legionella pneumophila</i> WDCM 00107	2 d to 5 d / 36 ± 2 °C	$P_R \geq 0.5$	Good growth: White-greyblue-purple colonies with an entire edge and exhibiting a characteristic ground-glass appearance	Conforms
<i>Legionella pneumophila</i> WDCM 00180	2 d to 5 d / 36 ± 2 °C	$P_R \geq 0.5$	Good growth: White-greyblue-purple colonies with an entire edge and exhibiting a characteristic ground-glass appearance	Conforms
<i>Legionella anisa</i> WDCM 00106	5 d to 10 d / 36 ± 2 °C	$P_R \geq 0.5$	Good growth: White-greyblue-purple colonies with an entire edge and exhibiting a characteristic ground-glass appearance	Conforms

### Selectivity, Method of control: Qualitative

Inoculum: 10<sup>4</sup>-10<sup>6</sup> CFU

Control strains	Incubation	Specification	Results
<i>Enterococcus faecalis</i> WDCM 00009 or 00087	3 d / 36 ± 2 °C	Total inhibition	Conforms
<i>Escherichia coli</i> WDCM 00012 or 00013	3 d / 36 ± 2 °C	Total or partial inhibition	Conforms

### Batch Release

Approved

Date 23.05.2025

Signature

The results reported were obtained at the time of release.

Quality Control  
(This document has been established electronically and is valid without signature)