

Liofilchem®

Certificate of Analysis

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Product	Batch	Expiration date
Legionella MWY Agar Ref. 10127	011325043	2025.07.12

Physical quality control	Specification	Results
Expected pH-value (25°C)	6.8 ± 0.2	6.7
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: 10⁴-10⁶ 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 20.01.2025

Signature

The results reported were obtained at the time of release.

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