

Liofilchem®

Certificate of Analysis

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Product	Batch	Expiration date
MRS Agar Ref. 610024 – 620024	032025504	2029.03.10

Physical quality control	Specification	Results
Expected pH-value (25°C)	5.7 ± 0.1	5.7
Appearance of powder	Free-flowing, homogeneous	Conforms
Colour of powder	Beige	Conforms
Appearance of prepared medium	Slightly opalescent	Conforms
Colour of prepared medium	Amber	Conforms

Microbiological Performance

Tested according to CLSI M22-A3, EN ISO 11133
Reference media: MRS Agar already validated batch

Productivity, Method of control: Quantitative

Inoculum: 50-100 CFU

Control strains	Incubation	Expected Results	Specification	Results
<i>Lactobacillus sakei</i> WDCM 00015	Microaerobic 72 ± 3 h 30 ± 1°C	$P_R \geq 0.7$	Good growth	Conforms
<i>Lactobacillus lactis</i> WDCM 00016	Microaerobic 72 ± 3 h 30 ± 1°C	$P_R \geq 0.7$	Good growth	Conforms

Selectivity, Method of control: Qualitative

Inoculum: 10⁴-10⁶ CFU

Control strains	Incubation	Specification	Results
<i>Escherichia coli</i> 00012	WDCM Microaerobic 72 ± 3 h 30 ± 1°C	Inhibition	Conforms
<i>Bacillus cereus</i> 00001	WDCM Microaerobic 72 ± 3 h 30 ± 1°C	Inhibition	Conforms

Batch Release

Approved

Date 21.03.2025

Signature

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

The results reported were obtained at the time of release.