

Liofilchem®

Certificate of Analysis

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Product	Batch	Production date	Expiration date
Meropenem MRP 0.002-32	082526050	25.08.2026	2029.08.24

Ref.

92084 – 920840 – 920841

Antimicrobial Susceptibility Testing

Tested according to current CLSI and/or EUCAST methodology

Control strains	Medium	Inoculum	Incubation	Expected Results MIC range (mg/L)	Results MIC (mg/L)
<i>Escherichia coli</i> ATCC® 25922	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.008–0.06 ^{a,b}	0.012
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.12–1 ^{a,b}	0.19
<i>Escherichia coli</i> ATCC® 35218	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.008–0.06 ^a	0.016
<i>Escherichia coli</i> NCTC® 13353	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.016–0.06 ^a	0.032
<i>Klebsiella pneumoniae</i> ATCC® BAA-1705	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	8–64 ^a	8
<i>Klebsiella pneumoniae</i> ATCC® BAA-2814	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	32–256 ^a	>32
<i>Acinetobacter baumannii</i> NCTC® 13304	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	32–128 ^a	32
<i>Streptococcus pneumoniae</i> ATCC® 49619	Mueller Hinton II Agar (Sheep blood 5%)	0.5 McFarland in broth	35 ± 2°C, 5% CO ₂ 20-24 h	0.03–0.25 ^a	0.047
<i>Streptococcus pneumoniae</i> ATCC® 49619	Mueller Hinton Fastidious Agar	0.5 McFarland in broth	35 ± 2°C, 5% CO ₂ 20-24 h	0.03–0.25 ^b	0.064
<i>Haemophilus influenzae</i> ATCC® 49766	Haemophilus Test Agar	0.5 McFarland in broth	35 ± 2°C, 5% CO ₂ 20-24 h	0.03–0.12 ^a	0.047
<i>Haemophilus influenzae</i> ATCC® 49766	Mueller Hinton Fastidious Agar	0.5 McFarland in broth	35 ± 2°C, 5% CO ₂ 20-24 h	0.03–0.12 ^b	0.047

a)CLSI M100-Ed36

b)EUCAST QC tables v16.0

Batch Release

Approved

Date

27.08.2026

Signature

Quality Control

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

The results reported were obtained at the time of release.