Liofilchem®

Certificate of Analysis

Product	Batch	Production date	Expiration date
Meropenem MRP 0.002-32	090226013	02.09.2026	2029.09.01

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)
Escherichia coli 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
Pseudomonas aeruginosa ATCC® 27853	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.12–1 [a,b]	0.12
Escherichia coli ATCC® 35218	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.008–0.06 [a]	0.012
Escherichia coli 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
Klebsiella pneumoniae ATCC® BAA-1705	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	8–64 [a]	8
Klebsiella pneumoniae ATCC® BAA-2814	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	32–256 [a]	>256
Acinetobacter baumanii NCTC® 13304	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	32–128 [a]	32
Streptococcus pneumoniae 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
Streptococcus pneumoniae 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
Haemophilus influenzae ATCC® 49766	Haemophilus Test Agar	0.5 McFarland in broth	35 ± 2°C, 5% CO_2 20-24 h	0.03–0.12 [a]	0.064
Haemophilus influenzae 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]	0.064

a)CLSI M100-Ed36
b)EUCAST QC tables v16.0

Batch Release

Approved

Date 15.09.2026 **Signature** Quality Control
(This document has been established electronically and is valid without signature)

The results reported were obtained at the time of release.