

Liofilchem®

Certificate of Analysis

Product	Batch	Production date	Expiration date
Imipenem IMI 0.002-32 µg/mL	102125046	21.10.2025	2028.10.20

Ref.

92054 – 920540 – 920541

Antimicrobial Susceptibility Testing

Tested according to current CLSI methodology

Control strains	Medium	Inoculum	Incubation	Expected Results MIC range (mg/L)	Results MIC (mg/L)
<i>Staphylococcus aureus</i> ATCC® 29213	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.016–0.06	0.023
<i>Enterococcus faecalis</i> ATCC® 29212	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.5–2	0.75
<i>Escherichia coli</i> ATCC® 25922	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.06–0.5	0.125
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	1–4	1.5
<i>Klebsiella pneumoniae</i> ATCC® 700603	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.06–0.5	0.19
<i>Klebsiella pneumoniae</i> ATCC® BAA-1705	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	4–16	8
<i>Klebsiella pneumoniae</i> ATCC® BAA-2814	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	16–64	32
<i>Haemophilus influenzae</i> ATCC® 49766	Haemophilus Test Agar	0.5 McFarland in broth	35 ± 2°C, 5% CO ₂ 20-24 h	0.25–1	0.5
<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	0.03–0.12	0.047
<i>Bacteroides fragilis</i> ATCC® 25285	Brucella Blood Agar w Hemin and Vitamin K1	1 McFarland in broth	36 ± 1°C, anaerobically, 24-72 h	0.03–0.25	0.03
<i>Bacteroides fragilis</i> ATCC® 25285	Fastidious Anaerobe Agar w Defibrinated Horse Blood	1 McFarland in saline	36 ± 1°C, anaerobically, 16- 20 h	0.03-0.12*	0.03
<i>Bacteroides thetaiotaomicron</i> ATCC® 29741	Brucella Blood Agar w Hemin and Vitamin K1	1 McFarland in broth	36 ± 1°C, anaerobically, 24-72 h	0.25–1	0.38
<i>Eggerthelia lenta</i> ATCC® 43055	Brucella Blood Agar w Hemin and Vitamin K1	1 McFarland in broth	36 ± 1°C, anaerobically, 24-72 h	0.25–2	0.25

*Established and validated by EUCAST

Batch Release

Approved

Date 24.10.2025

Signature

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

The results reported were obtained at the time of release.