

Liofilchem®

Certificate of Analysis

Product	Batch	Production date	Expiration date
Imipenem IMI 0.002-32 µg/mL	091919055	19.09.2019	2022.09.18

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	0.015–0.06	0.032
<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	0.06–0.25	0.19
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	1–4	2
<i>Klebsiella pneumoniae</i> ATCC® 700603	Mueller Hinton II Agar	0.5 McFarland in saline	35 ± 2°C, ambient 16-20 h	0.03–0.25	0.125
<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	4
<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	0.38
<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	0.03
<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	0.047
<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	0.25
<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	0.38

Batch Release

Approved

Date

26.09.2019

Signature

Quality Control
(D. Vitagliano)

Dario Vitagliano

The results reported were obtained at the time of release.