

# Liofilchem®

## Certificate of Analysis

| Product                          | Batch     | Production date | Expiration date |
|----------------------------------|-----------|-----------------|-----------------|
| Ciprofloxacin CIP 0.002-32 µg/mL | 121825031 | 18.12.2025      | 2028.12.17      |

**Ref.**

92045 – 920450 – 920451

**Antimicrobial Susceptibility Testing**

Tested according to current CLSI methodology

| Control strains                              | Medium                            | Inoculum                   | Incubation                              | Expected Results<br>MIC range (mg/L) | Results<br>MIC(mg/L) |
|--|-----------------------------------|----------------------------|---|--------------------------------------|----------------------|
| <i>Staphylococcus aureus</i><br>ATCC® 29213  | Mueller Hinton II<br>Agar         | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.12–0.5                             | 0.19                 |
| <i>Enterococcus faecalis</i><br>ATCC® 29212  | Mueller Hinton II<br>Agar         | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.25–2                               | 0.38                 |
| <i>Escherichia coli</i><br>ATCC® 25922       | Mueller Hinton II<br>Agar         | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.004–0.016                          | 0.006                |
| <i>Pseudomonas aeruginosa</i><br>ATCC® 27853 | Mueller Hinton II<br>Agar         | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.12–1                               | 0.19                 |
| <i>Haemophilus influenzae</i><br>ATCC® 49247 | Haemophilus Test<br>Agar          | 0.5 McFarland in<br>broth  | 35 ± 2°C, 5% CO <sub>2</sub><br>20-24 h | 0.004–0.03                           | 0.012                |
| <i>Neisseria gonorrhoeae</i><br>ATCC® 49226  | Mueller Hinton<br>Chocolate Agar  | 0.5 McFarland in<br>broth  | 36 ± 1°C, 5% CO <sub>2</sub><br>20-24 h | 0.001–0.008                          | 0.002                |
| <i>Haemophilus influenzae</i><br>ATCC® 49766 | Mueller Hinton<br>Fastidious Agar | 0.5 McFarland in<br>saline | 35 ± 1°C, 5% CO <sub>2</sub><br>16-20 h | 0.004–0.016*                         | 0.008                |

\*Established and validated by EUCAST

**Batch Release**

Approved

**Date**

08.01.2026

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

The results reported were obtained at the time of release.