

# Liofilchem®

## Certificate of Analysis

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| Product                               | Batch     | Production date | Expiration date |
|---------------------------------------|-----------|-----------------|-----------------|
| <b>Cefotaxime CTX 0.016-256 µg/mL</b> | 030325044 | 03.03.2025      | 2028.03.02      |

**Ref.**

**92006 – 920060 – 920061**

### 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            | 1–4                                  | 1.5                  |
| <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            | 0.03–0.12                            | 0.064                |
| <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            | 8–32                                 | 8                    |
| <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 | 0.12–0.5                             | 0.19                 |
| <i>Haemophilus influenzae</i><br>ATCC® 49766   | Haemophilus Test<br>Agar                      | 0.5 McFarland in<br>broth  | 35 ± 2°C, 5% CO <sub>2</sub><br>20-24 h | 0.004–0.016                          | 0.016                |
| <i>Streptococcus pneumoniae</i><br>ATCC® 49619 | Mueller Hinton II<br>Agar (Sheep blood<br>5%) | 0.5 McFarland in<br>broth  | 35 ± 2°C, 5% CO <sub>2</sub><br>20-24 h | 0.03–0.12                            | 0.064                |
| <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 | 0.015–0.06                           | 0.016                |

### Batch Release

Approved

**Date** 11.03.2025

**Signature**

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

The results reported were obtained at the time of release.