

# Liofilchem®

## Certificate of Analysis

| Product                       | Batch     | Production date | Expiration date |
|-------------------------------|-----------|-----------------|-----------------|
| Cefotaxime CTX 0.002-32 µg/mL | 091120029 | 11.09.2020      | 2023.09.11      |

**Ref.**

92007 – 920070 – 920071

**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<br>in 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<br>in 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<br>in saline | 35 ± 2°C, ambient<br>16-20 h            | 8–32                                 | 32                   |
| <i>Haemophilus influenzae</i><br>ATCC® 49247   | Haemophilus Test<br>Agar                      | 0.5 McFarland<br>in 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<br>in broth  | 35 ± 2°C, 5% CO <sub>2</sub><br>20-24 h | 0.004–0.016                          | 0.006                |
| <i>Streptococcus pneumoniae</i><br>ATCC® 49619 | Mueller Hinton II<br>Agar (Sheep<br>blood 5%) | 0.5 McFarland<br>in broth  | 35 ± 2°C, 5% CO <sub>2</sub><br>20-24 h | 0.03–0.12                            | 0.094                |
| <i>Neisseria gonorrhoeae</i><br>ATCC® 49226    | Mueller Hinton<br>Chocolate Agar              | 0.5 McFarland<br>in broth  | 36 ± 1°C, 5% CO <sub>2</sub><br>20-24 h | 0.015–0.06                           | 0.032                |

**Batch Release**

Approved

**Date**

22.09.2020

**Signature**Quality Control  
(D. Vitagliano)

The results reported were obtained at the time of release.