

# Liofilchem®

## Certificate of Analysis

| Product  | Batch     | Production date | Expiration date |
|--|-----------|-----------------|-----------------|
| <b>Ceftazidime-avibactam CZA</b><br><b>0.016/4-256/4 µg/mL</b> | 050621029 | 06.05.2021      | 2024.05.05      |

**Ref.**

92139 – 921390 – 921391

**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            | 4–16                                 | 8                    |
| <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            | 0.06–0.5                             | 0.125                |
| <i>Escherichia coli</i><br>ATCC® 35218         | 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            | 0.5–4                                | 1                    |
| <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 | 0.015–0.06                           | 0.023                |
| <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 | 0.06–0.5                             | 0.25                 |
| <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 | 0.25–2                               | 0.75                 |
| <i>Klebsiella pneumoniae</i><br>ATCC® 700603   | Mueller Hinton II<br>Agar                     | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.25–2                               | 0.38                 |

**Batch Release**

Approved

Date 24.05.2021

Signature

Quality Control  
(D. Vitagliano)

*Dario Vitagliano*

The results reported were obtained at the time of release.