

# Liofilchem®

## Certificate of Analysis

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| Product                                                        | Batch     | Production date | Expiration date |
|----------------------------------------------------------------|-----------|-----------------|-----------------|
| <b>Ceftazidime-avibactam CZA</b><br><b>0.016/4-256/4 µg/mL</b> | 112824048 | 28.11.2024      | 2027.11.28      |

**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                            | 0.047                 |
| <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                                | 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                               | 0.5                   |
| <i>Escherichia coli</i><br>NCTC 13353          | Mueller Hinton II<br>Agar                     | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.12-0.5                             | 0.12                  |
| <i>Klebsiella pneumoniae</i><br>ATCC® BAA-1705 | Mueller Hinton II<br>Agar                     | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 0.25-2                               | 0.75                  |
| <i>Klebsiella pneumoniae</i><br>ATCC® BAA-2814 | Mueller Hinton II<br>Agar                     | 0.5 McFarland in<br>saline | 35 ± 2°C, ambient<br>16-20 h            | 1-4                                  | 1.5                   |
| <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>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 | 0.016–0.06                           | 0.032                 |
| <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                  |

### Batch Release

Approved

**Date**

10.12.2024

**Signature**

Quality Control

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

The results reported were obtained at the time of release.