

# Liofilchem®

## Certificate of Analysis

| Product                                | Batch     | Production date | Expiration date |
|--|-----------|-----------------|-----------------|
| <b>Tetracycline TE 0.016-256 µg/mL</b> | 121123053 | 11.12.2023      | 2026.12.10      |

**Ref.**

**92114 – 921140 – 921141**

**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            | 0.12–1                               | 0.12                 |
| <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            | 8–32                                 | 12                   |
| <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            | 0.5–2                                | 0.75                 |
| <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                                 | 16                   |
| <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 | 4–32                                 | 6                    |
| <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 | 0.06–0.5                             | 0.094                |
| <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 | 0.25–1                               | 1                    |
| <i>Bacteroides fragilis</i><br>ATCC® 25285         | Brucella Blood Agar<br>w Hemin and<br>Vitamin K1 | 1 McFarland in<br>broth    | 36 ± 1°C,<br>anaerobically,<br>24-72 h  | 0.125–0.5                            | 0.125                |
| <i>Bacteroides thetaiotaomicron</i><br>ATCC® 29741 | Brucella Blood Agar<br>w Hemin and<br>Vitamin K1 | 1 McFarland in<br>broth    | 36 ± 1°C,<br>anaerobically,<br>24-72 h  | 8–32                                 | 8                    |
| <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 | 0.25–1*                              | 0.25                 |

\*Established and validated by EUCAST

**Batch Release**

Approved

**Date** 18.12.2023

**Signature**

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

The results reported were obtained at the time of release.