

# Liofilchem®

## Certificate of Analysis

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| Product                       | Batch     | Production date | Expiration date |
|-------------------------------|-----------|-----------------|-----------------|
| Penicillin G P 0.002-32 µg/mL | 020425038 | 04.02.2025      | 2028.02.04      |

Ref.

92103 – 921030 – 921031

### 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            | 0.25–2                               | 0.75                 |
| <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            | 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 | 0.25–1                               | 0.25                 |
| <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                               | 0.25                 |
| <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  | 8–32                                 | 32                   |
| <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                                 | 32                   |

### Batch Release

Approved

Date 06.02.2025

Signature

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

The results reported were obtained at the time of release.