

Liofilchem®

Certificate of Analysis

| Product | Batch | Production date | Expiration date |
|--|-----------|-----------------|-----------------|
| Piperacillin*-tazobactam TZP 0.016-256* µg/mL | 060518022 | 05.06.2018 | 2021.06.04 |

Ref.

92108 – 921080 – 921081

Antimicrobial Susceptibility Testing

Tested according to current CLSI methodology

| Control strains | Medium | Inoculum | Incubation | Expected Results MIC range (mg/L) | Results MIC(mg/L) |
|--|--|----------------------------|---|--------------------------------------|----------------------|
| <i>Staphylococcus aureus</i> ATCC® 29213 | Mueller Hinton II Agar | 0.5 McFarland in saline | 35 ± 2°C, ambient 16-20 h | 0.25–2 | 1 |
| <i>Enterococcus faecalis</i> ATCC® 29212 | Mueller Hinton II Agar | 0.5 McFarland in saline | 35 ± 2°C, ambient 16-20 h | 1–4 | 2 |
| <i>Escherichia coli</i> ATCC® 25922 | Mueller Hinton II Agar | 0.5 McFarland in saline | 35 ± 2°C, ambient 16-20 h | 1–4 | 2 |
| <i>Pseudomonas aeruginosa</i> ATCC® 27853 | Mueller Hinton II Agar | 0.5 McFarland in saline | 35 ± 2°C, ambient 16-20 h | 1–8 | 4 |
| <i>Escherichia coli</i> ATCC® 35218 | Mueller Hinton II Agar | 0.5 McFarland in saline | 35 ± 2°C, ambient 16-20 h | 0.5–2 | 0.75 |
| <i>Klebsiella pneumoniae</i> ATCC® 700603 | Mueller Hinton II Agar | 0.5 McFarland in saline | 35 ± 2°C, ambient 16-20 h | 8–32 | 12 |
| <i>Haemophilus influenzae</i> ATCC® 49247 | Haemophilus Test Agar | 0.5 McFarland in broth | 35 ± 2°C, 5% CO ₂ 20-24 h | 0.06–0.5 | 0.38 |
| <i>Bacteroides fragilis</i> ATCC® 25285 | Brucella Blood Agar w Hemin and Vitamin K1 | 1 McFarland in broth | 36 ± 1°C, anaerobically, 24-72 h | 0.03–0.25 | 0.25 |
| <i>Bacteroides thetaiotaomicron</i> ATCC® 29741 | Brucella Blood Agar w Hemin and Vitamin K1 | 1 McFarland in broth | 36 ± 1°C, anaerobically, 24-72 h | 2–16 | 12 |
| <i>Eggerthelia lenta</i> ATCC® 43055 | Brucella Blood Agar w Hemin and Vitamin K1 | 1 McFarland in broth | 36 ± 1°C, anaerobically, 24-72 h | 8–32 | 8 |

Batch Release

Approved

Date

11.06.2018

Signature

Quality Control
(D. Vitagliano)

Dario Vitagliano

The results reported were obtained at the time of release.