

**Liofilchem®**  
**Certificate of Analysis**

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| Product                   | Ref.                 | Batch     | Expiration date |
|---------------------------|----------------------|-----------|-----------------|
| <b>Oxi/FermPluri-Test</b> | <b>78620 – 78621</b> | 072717021 | 2018.05.23      |

| <b>Microbiological Performance</b>  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| Incubation: Anaerobic for sectors Anaerobic glucose to Lactose/N <sub>2</sub> , Aerobic for sectors Sucrose/Indole to Citrate<br>48 h, 35 ± 2°C |  |  |  |  |  |  |  |  |

| Strains Reactions        | <i>Acinetobacter lwoffii</i><br>ATCC® 15309 | <i>Aeromonas hydrophila</i><br>ATCC® 7966 | <i>Bordetella bronchiseptica</i><br>ATCC® 19395 | <i>Brevundimonas diminuta</i><br>ATCC® 11568 | <i>Plesiomonas shigelloides</i><br>ATCC® 14029 | <i>Pseudomonas aeruginosa</i><br>ATCC® 27853 | <i>Pseudomonas aeruginosa</i><br>ATCC® 10145 | <i>Stenotrophomonas maltophilia</i><br>ATCC® 13637 |
|--------------------------|---|---|---|--|--|--|--|--|
| <b>Anaerobic Glucose</b> | - ☑   | + ☑                                       | - ☑   | - ☑  | ± ☑  | - ☑  | - ☑  | - ☑  |
| <b>Arginine</b>          | - ☑   | + ☑                                       | - ☑   | - ☑  | + ☑  | + ☑  | + ☑  | - ☑  |
| <b>Lysine</b>            | - ☑   | - ☑                                       | - ☑   | - ☑  | + ☑  | - ☑  | - ☑  | - ☑  |
| <b>Lactose</b>           | - ☑   | + ☑                                       | - ☑   | - ☑  | + ☑  | - ☑  | - ☑  | ± ☑  |
| <b>N<sub>2</sub></b>     | - ☑   | - ☑                                       | - ☑   | - ☑  | - ☑  | + ☑  | + ☑  | - ☑  |
| <b>Sucrose</b>           | - ☑   | + ☑                                       | - ☑   | - ☑  | - ☑  | - ☑  | - ☑  | - ☑  |
| <b>Indole</b>            | - ☑   | + ☑                                       | - ☑   | - ☑  | + ☑  | - ☑  | - ☑  | - ☑  |
| <b>Xylose</b>            | - ☑   | - ☑                                       | - ☑   | - ☑  | - ☑  | + ☑  | + ☑  | - ☑  |
| <b>Aerobic Glucose</b>   | - ☑   | + ☑                                       | - ☑   | - ☑  | + ☑  | + ☑  | + ☑  | - ☑  |
| <b>Maltose</b>           | - ☑   | + ☑                                       | - ☑   | - ☑  | + ☑  | - ☑  | - ☑  | + ☑  |
| <b>Mannitol</b>          | - ☑   | + ☑                                       | - ☑   | - ☑  | - ☑  | - ☑  | - ☑  | - ☑  |
| <b>Phenyl-alanine</b>    | - ☑   | - ☑                                       | - ☑   | + ☑  | - ☑  | - ☑  | - ☑  | - ☑  |
| <b>Urea</b>              | - ☑   | - ☑                                       | + ☑   | - ☑  | - ☑  | + ☑  | + ☑  | ± ☑  |
| <b>Citrate</b>           | - ☑   | + ☑                                       | + ☑   | - ☑  | - ☑  | ± ☑  | + ☑  | + ☑  |

**+ Growth**

**- Inhibition**

**± Growth or Inhibition**

**☒ Conforms**

**Batch Release**

Approved  
Date

02.08.2017

**Signature**

Quality Control  
(D. Vitagliano)

The results reported were obtained at the time of release.