

# Liofilchem®

## Certificate of Analysis

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| Product                   | Ref.                 | Batch     | Expiration date |
|---------------------------|----------------------|-----------|-----------------|
| <b>Oxi/FermPluri-Test</b> | <b>78620 – 78621</b> | 020217032 | 2017.11.29      |

|                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                  | <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> | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | ± <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Arginine</b>          | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>          | + <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Lysine</b>            | - <input checked="" type="checkbox"/>       | - <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Lactose</b>           | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | ± <input checked="" type="checkbox"/>              |
| <b>N<sub>2</sub></b>     | - <input checked="" type="checkbox"/>       | - <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | + <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Sucrose</b>           | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Indole</b>            | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Xylose</b>            | - <input checked="" type="checkbox"/>       | - <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | + <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Aerobic Glucose</b>   | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>          | + <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Maltose</b>           | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>              |
| <b>Mannitol</b>          | - <input checked="" type="checkbox"/>       | + <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Phenyl-alanine</b>    | - <input checked="" type="checkbox"/>       | - <input checked="" type="checkbox"/>     | - <input checked="" type="checkbox"/>           | + <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>              |
| <b>Urea</b>              | - <input checked="" type="checkbox"/>       | - <input checked="" type="checkbox"/>     | + <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | + <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>        | ± <input checked="" type="checkbox"/>              |
| <b>Citrate</b>           | - <input checked="" type="checkbox"/>       | ± <input checked="" type="checkbox"/>     | + <input checked="" type="checkbox"/>           | - <input checked="" type="checkbox"/>        | - <input checked="" type="checkbox"/>          | ± <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>        | + <input checked="" type="checkbox"/>              |

+ Growth

- Inhibition

± Growth or  
Inhibition

☒ Conforms

### Batch Release

Approved  
Date

07.02.2017

Signature

Quality Control  
(D. Vitagliano)

The results reported were obtained at the time of release.

*Dario Vitagliano*