

# Liofilchem®

## Certificate of Analysis

<b>Product</b>	<b>Ref.</b>	<b>Batch</b>	<b>Expiration date</b>
<b>Oxi/FermPluri-Test</b>	<b>78620 – 78621</b>	082223010	2024.04.18

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

Strains	<i>Acinetobacter lwoffii</i> ATCC® 15309	<i>Aeromonas hydrophila</i> ATCC® 7966	<i>Bordetella bronchiseptica</i> ATCC® 19395	<i>Brevundimonas diminuta</i> ATCC® 11568	<i>Plesiomonas shigelloides</i> ATCC® 14029	<i>Pseudomonas aeruginosa</i> ATCC® 27853	<i>Pseudomonas aeruginosa</i> ATCC® 10145	<i>Stenotrophomonas maltophilia</i> 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	31.08.2023	Signature
The results reported were obtained at the time of release.		Quality Control (This document has been established electronically and is valid without signature)