

# Liofilchem®

## Certificate of Analysis

| Product                     | Batch     | Expiration date |
|-----------------------------|-----------|-----------------|
| <b>Uritest Malto</b>        | 091724081 | 2025.03.16      |
| Ref. 500402 – 51040 – 51140 |           |                 |

| Physical quality control | Specification for Sector 1<br>Mac Conkey Agar | Results   | Specification for Sector 2<br>Malt Selective Agar | Results   | Specification for Sector 3<br>CLED Agar | Results   |
|--------------------------|---|-----------|---|-----------|---|-----------|
|                          | Expected pH-value (25°C)                      | 7.1 ± 0.2 | 7.1   | 4.5 ± 0.2 | 4.7                                     | 7.3 ± 0.2 |
| Colour of medium         | Red-purple                                    | Conforms  | Amber   | Conforms  | Green                                   | Conforms  |

### Microbiological State

Sampled according to ISO 2859-1, Special Inspection Level: S-2

| Incubation              | Specification | Results  |
|-------------------------|---------------|----------|
| 35 ± 2°C (after 7 days) | No growth     | Conforms |
| 22 ± 2°C (after 7 days) | No growth     | Conforms |

All units of this batch were checked before packaging.

### Microbiological Performance

Tested according to CLSI M22-A3, EN ISO 11133

Inoculum: 50-100 CFU (Productivity), 10<sup>4</sup>-10<sup>6</sup> CFU (Selectivity)

Incubation: 35 ± 2°C, 18-24 h

| Control strains                              | Specification for Sector 1<br>Mac Conkey Agar | Results  | Specification for Sector 2<br>Malt Selective Agar | Results  | Specification for Sector 3<br>CLED Agar | Results  |
|--|---|----------|---|----------|---|----------|
| <i>Escherichia coli</i><br>ATCC® 25922       | Good growth, red colonies                     | Conforms | Partial or complete inhibition                    | Conforms | Good growth, yellow colonies            | Conforms |
| <i>Proteus mirabilis</i><br>ATCC® 12453      | Good growth, colourless colonies              | Conforms | Partial or complete inhibition                    | Conforms | Good growth, blue colonies              | Conforms |
| <i>Klebsiella pneumoniae</i><br>ATCC® 13883  | Good growth, pink colonies                    | Conforms | Partial or complete inhibition                    | Conforms | Good growth, yellow colonies            | Conforms |
| <i>Candida albicans</i><br>ATCC® 10231       | Inhibition                                    | Conforms | Good growth, white colonies                       | Conforms | Good growth, white colonies             | Conforms |
| <i>Salmonella</i> Typhimurium<br>ATCC® 14028 | Good growth, Colourless colonies              | Conforms | Partial or complete inhibition                    | Conforms | Good growth                             | Conforms |
| <i>Pseudomonas aeruginosa</i> ATCC®<br>27853 | Good growth,                                  | Conforms | Partial or complete inhibition                    | Conforms | Good growth                             | Conforms |
| <i>Enterococcus faecalis</i><br>ATCC® 19433  | Inhibition                                    | Conforms | Partial or complete inhibition                    | Conforms | Good growth, yellow colonies            | Conforms |
| <i>Staphylococcus aureus</i><br>ATCC® 25923  | Inhibition                                    | Conforms | Partial or complete inhibition                    | Conforms | Good growth, yellow colonies            | Conforms |

### Batch Release

Approved

Date 25.09.2024

Signature

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

The results reported were obtained at the time of release.