

# Liofilchem®

## Certificate of Analysis

<b>Product</b>	<b>Batch</b>	<b>Expiration date</b>
<b>Uritest Malto</b>	120522079	2023.06.03
Ref. 500402 – 51040 – 51140		

	Specification for Sector 1 Mac Conkey Agar	Results	Specification for Sector 2 Malt Selective Agar	Results	Specification for Sector 3 CLED Agar	Results
<b>Physical quality control</b>						
Expected pH-value (25°C)	7.1 ± 0.2	7.2	4.5 ± 0.2	4.5	7.3 ± 0.2	7.1
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 Mac Conkey Agar	Results	Specification for Sector 2 Malt Selective Agar	Results	Specification for Sector 3 CLED Agar	Results
<i>Escherichia coli</i> ATCC® 25922	Good growth, red colonies	Conforms	Partial or complete inhibition	Conforms	Good growth, yellow colonies	Conforms
<i>Proteus mirabilis</i> ATCC® 12453	Good growth, colourless colonies	Conforms	Partial or complete inhibition	Conforms	Good growth, blue colonies	Conforms
<i>Klebsiella pneumoniae</i> ATCC® 13883	Good growth, pink colonies	Conforms	Partial or complete inhibition	Conforms	Good growth, yellow colonies	Conforms
<i>Candida albicans</i> ATCC® 10231	Inhibition	Conforms	Good growth, white colonies	Conforms	Good growth, white colonies	Conforms
<i>Salmonella</i> Typhimurium ATCC® 14028	Good growth, Colourless colonies	Conforms	Partial or complete inhibition	Conforms	Good growth	Conforms
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Good growth,	Conforms	Partial or complete inhibition	Conforms	Good growth	Conforms
<i>Enterococcus faecalis</i> ATCC® 19433	Inhibition	Conforms	Partial or complete inhibition	Conforms	Good growth, yellow colonies	Conforms
<i>Staphylococcus aureus</i> ATCC® 25923	Inhibition	Conforms	Partial or complete inhibition	Conforms	Good growth, yellow colonies	Conforms

**Batch Release**

Approved		
<b>Date</b>	15.12.2022	<b>Signature</b>
The results reported were obtained at the time of release.		Quality Control (This document has been established electronically and is valid without signature)