

Liofilchem®

Certificate of Analysis

Product	Batch	Expiration date
Uritest Malto	111422098	2023.05.13
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
Physical quality control						
Expected pH-value (25°C)	7.1 ± 0.2	7.1	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), 10⁴-10⁶ 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		
Date	21.11.2022	Signature
The results reported were obtained at the time of release.		Quality Control (This document has been established electronically and is valid without signature)