

Liofilchem®

Certificate of Analysis

Product	Batch	Expiration date
Uritest Malto	092223075	2024.03.20
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	7.2	4.5 ± 0.2	4.6	7.3 ± 0.2	7.2
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 ⁴ -10 ⁶ 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			
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Approved			
Date	03.10.2023	Signature	Quality Control
The results reported were obtained at the time of release.			(This document has been established electronically and is valid without signature)