

Liofilchem®

Certificate of Analysis

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Product	Batch	Expiration date
Muller Kauffmann Tetrathionate Novobiocin Broth (MKTTn)	050521083	2022.05.05

Ref. 20072 – 26072

Physical quality control	Specification	Results
Expected pH-value (25°C)	8.0 ± 0.2	8.2
Appearance of medium	Opaque, heterogeneous with precipitate	Conforms
Colour of medium	Very pale green	Conforms

Microbiological State

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

Incubation	Specification	Results
7 d, 35 ± 2°C	No growth	Conforms
7 d, 22 ± 2°C	No growth	Conforms

All units of this batch were checked before packaging.

Microbiological Performance

Tested according to CLSI M22-A3, EN ISO 11133, ISO 6579-1

Reference media: XLD Agar

Tryptic Soy Agar

Productivity, Method of control: Qualitative

Inoculum: ≤100 CFU

Control strains	Incubation	Specification	Results
<i>Salmonella typhimurium</i> WDCM 00031	24 ± 3 h 37 ± 1°C	>10 characteristic colonies on XLD agar	Conforms
+ <i>Escherichia coli</i> WDCM 00013			
+ <i>Pseudomonas aeruginosa</i> WDCM 00025			

Selectivity, Method of control: Qualitative

Inoculum: >10³ CFU

Control strains	Incubation	Specification	Results
<i>Escherichia coli</i> WDCM 00013	24 ± 3 h 37 ± 1°C	Partial inhibition, ≤100 colonies on TSA	Conforms
<i>Enterococcus faecalis</i> WDCM 00009	24 ± 3 h 37 ± 1°C	<10 colonies on TSA	Conforms

Batch Release

Approved

Date

10.05.2021

Signature

Quality Control
(D. Vitagliano)

The results reported were obtained at the time of release.