

# Liofilchem®

## Certificate of Analysis

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Product	Batch	Expiration date
<b>TOS Propionate Agar Base</b>	042221501	2025.01.31

Ref. 610378 – 620378

Physical quality control	Specification	Results
Expected pH-value (25°C)	6.7 ± 0.2	6.7
Appearance of powder	Free-flowing, homogeneous	Conforms
Colour of powder	Beige	Conforms
Appearance of prepared medium	Clear	Conforms
Colour of prepared medium	Amber	Conforms

### Microbiological Performance

Tested according to CLSI M22-A3, EN ISO 11133  
Supplements: MUP Selective Supplement  
Reference media: Tryptic Soy Agar

### Productivity, Method of control: Quantitative

Inoculum: 50-100 CFU

Control strains	Incubation	Expected Results	Specification	Results
<i>Bifidobacterium animalis</i> subsp. <i>animalis</i> ATCC® 25527	Anaerobic, 72 ± 3 h 37 ± 1°C	$P_R \geq 0.5$	Good growth, white colonies	Conforms
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> ATCC® 27536	Anaerobic, 72 ± 3 h 37 ± 1°C	$P_R \geq 0.5$	Good growth, white colonies	Conforms

### Selectivity, Method of control: Qualitative

Inoculum: 10<sup>4</sup>-10<sup>6</sup> CFU

Control strains	Incubation	Specification	Results
<i>Lactobacillus casei</i> ATCC® 393	Anaerobic, 72 ± 3 h 37 ± 1°C	Inhibition	Conforms

### Batch Release

Approved

Date

27.04.2021

Signature

Quality Control  
(D. Vitagliano)

The results reported were obtained at the time of release.