

Liofilchem®

Certificate of Analysis

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Product	Batch	Expiration date
TOS Propionate Agar Base Ref. 610378 – 620378	111025503	2029.08.06

Physical quality control	Specification	Results
Expected pH-value (25°C)	6.7 ± 0.2	6.9
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: 10⁴-10⁶ 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 17.11.2025

Signature

The results reported were obtained at the time of release.

Quality Control
(This document has been
established electronically and
is valid without signature)