

Liofilchem®

Certificate of Analysis

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| Product | Batch | Expiration date |
|---------------------------------|-----------|-----------------|
| MUP Selective Supplement | 082119015 | 2022.08.05 |

Ref. 81101

| Physical quality control | Specification | Results |
|-------------------------------|---|----------|
| Appearance | Whitish lyophilized, limpid solution once reconstituted | Conforms |
| Appearance of prepared medium | Clear | Conforms |
| Colour of prepared medium | Amber | Conforms |

Microbiological Performance

Tested according to CLSI M22-A3, EN ISO 11133
MUP Selective Supplement added to TOS Propionate Agar Base

Productivity, Method of control: Qualitative

Inoculum: 50-100 CFU

| Control strains | Incubation | Specification | Results |
|---|---------------------------------|-----------------------------|----------|
| <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> ATCC® 27536 | Anaerobic, 72 ± 3 h 37 ± 1°C | 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 | Inhibited | Conforms |

Batch Release

Approved

Date

04.09.2019

Signature

Quality Control
(D. Vitagliano)

The results reported were obtained at the time of release.