



Specification

1.00092.0010 FRASER Listeria Ammonium iron(III) Supplement

Growth promotion test in accordance with the current version of DIN EN ISO 11133.
Mixed inoculum of Listeria, E.coli and E.faecalis
Additionally monoculture of E.coli and E.faecalis
Confirmation on ALOA® medium resp. Tryptic soy agar

| | Specification |
|---|--------------------------------------|
| Inoculum on reference medium (Listeria monocytogenes ATCC 13932 (WDCM 00021)) | ≤ 100 |
| Inoculum on reference medium (Listeria monocytogenes ATCC 35152 (WDCM 00109)) | ≤ 100 |
| Inoculum on reference medium (Enterococcus faecalis ATCC 19433 (WDCM 00009)) | ≥ 1000 |
| Inoculum on reference medium (Escherichia coli ATCC 25922 (WDCM 00013)) | ≥ 1000 |
| Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012)) | ≥ 1000 |
| Inoculum on reference medium (Enterococcus faecalis ATCC 29212 (WDCM 00087)) | ≥ 1000 |
| Blackening (Listeria monocytogenes ATCC 13932 (WDCM 00021)) | + |
| Blackening (Listeria monocytogenes ATCC 35152 (WDCM 00109)) | + |
| Blackening (Escherichia coli ATCC 25922 (WDCM 00013)) | - |
| Blackening (Escherichia coli ATCC 8739 (WDCM 00012)) | - |
| Blackening (Enterococcus faecalis ATCC 19433 (WDCM 00009)) | - |
| Blackening (Enterococcus faecalis ATCC 29212 (WDCM 00087)) | - |
| Growth on ALOA® medium (Listeria monocytogenes ATCC 13932 (WDCM 00021)) | > 10 colonies |
| Growth on ALOA® medium (Listeria monocytogenes ATCC 35152 (WDCM 00109)) | > 10 colonies |
| Colonies (Listeria monocytogenes ATCC 13932 (WDCM 00021)) | blue green colonies with opaque halo |
| Colonies (Listeria monocytogenes ATCC 35152 (WDCM 00109)) | blue green colonies with opaque halo |
| Growth on Tryptic soy agar (Escherichia coli ATCC 25922 (WDCM 00013)) | total inhibition |
| Growth on Tryptic soy agar (Escherichia coli ATCC 8739 (WDCM 00012)) | total inhibition |
| Growth on Tryptic soy agar (Enterococcus faecalis ATCC 29212 (WDCM 00087)) | < 100 colonies |
| Growth on Tryptic soy agar (Enterococcus faecalis ATCC 19433 (WDCM 00009)) | < 100 colonies |

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Incubation:

Fraser Broth: 48 ± 2 hours at $37 \pm 1^\circ\text{C}$

Confirmation on ALOA® medium: 44 ± 4 hours at $37 \pm 1^\circ\text{C}$

Confirmation on Tryptic soy agar: 24 ± 3 hours at $37 \pm 1^\circ\text{C}$

Stefanie Fischer

Responsible laboratory manager quality control

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