



Specification

1.00888.0010 Clostridium perfringens selective supplement

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Appearance (clearness) clear

Typical composition (per vial): D-Cycloserine 200 mg; 4-Methylumbelliferylphosphate di sodium salt 50 mg.

Specification

Growth promotion test in accordance with ISO 11133.

Supplement tested with base Art. 1.11972.

Inoculum on reference medium (Clostridium perfringens ATCC 10543) 10 - 100

Inoculum on reference medium (Clostridium perfringens ATCC 13124 (WDCM 00007)) 10 - 100

Inoculum on reference medium (Clostridium perfringens ATCC 12916 (WDCM 00080)) 10 - 100

Inoculum on reference medium (Clostridium tetani ATCC 19406) > 10⁴

Inoculum on reference medium (Clostridium novyi ATCC 17861) > 10⁴

Inoculum on reference medium (Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)) > 10⁴

Inoculum on reference medium (Bacillus cereus ATCC 11778 (WDCM 00001)) > 10⁴

Inoculum on reference medium (Escherichia coli ATCC 25922 (WDCM 00013)) > 10⁴

Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012)) > 10⁴

Colony count (Clostridium perfringens ATCC 10543)

Colony count (Clostridium perfringens ATCC 13124 (WDCM 00007))

Colony count (Clostridium perfringens ATCC 12916 (WDCM 00080))

Recovery on test medium (Clostridium perfringens ATCC 10543) ≥ 70 %

Recovery on test medium (Clostridium perfringens ATCC 13124 (WDCM 00007)) ≥ 70 %

Recovery on test medium (Clostridium perfringens ATCC 12916 (WDCM 00080)) ≥ 70 %

Growth (Clostridium tetani ATCC 19406) none to fair

Growth (Clostridium novyi ATCC 17861) none to fair

Growth (Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)) none to poor

Growth (Bacillus cereus ATCC 11778 (WDCM 00001)) none to fair

Growth (Escherichia coli ATCC 25922 (WDCM 00013)) inhibited

Growth (Escherichia coli ATCC 8739 (WDCM 00012)) inhibited

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Blackening (Clostridium perfringens ATCC 10543)	+
Blackening (Clostridium perfringens ATCC 13124 (WDCM 00007))	+
Blackening (Clostridium perfringens ATCC 12916 (WDCM 00080))	+
Blackening (Clostridium tetani ATCC 19406)	-
Blackening (Clostridium novyi ATCC 17861)	-
Blackening (Pseudomonas aeruginosa ATCC 27853 (WDCM 00025))	-
Blackening (Bacillus cereus ATCC 11778 (WDCM 00001))	-
Blackening (Escherichia coli ATCC 25922 (WDCM 00013))	-
Blackening (Escherichia coli ATCC 8739 (WDCM 00012))	-
Fluorescence (Clostridium perfringens ATCC 10543)	+
Fluorescence (Clostridium perfringens ATCC 13124 (WDCM 00007))	+
Fluorescence (Clostridium perfringens ATCC 12916 (WDCM 00080))	+

Incubation: 20 hrs. 37 °C.

Reference: TSC-agar for *C. perfringens*; Blood-agar for all other strains.

Stefanie Fischer

Responsible laboratory manager quality control

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