



# Certificate of Analysis

1.00079.0017 Bolton Broth Selective Supplement acc. to ISO 10272-1  
Batch HC299470

Growth promotion test in accordance with the current version of DIN EN ISO 11133.  
Mixed inoculum of Campylobacter, E.coli and P.mirabilis.  
Afterwards confirmation on mCCDA resp. Tryptic soy agar.

	Spec. Values	Batch Values
Inoculum on reference medium (Campylobacter coli ATCC 43478 (WDCM 00004))	≤ 100	39
Inoculum on reference medium (Campylobacter jejuni ATCC 33291 (WDCM 00005))	≤ 100	46
Inoculum on reference medium (Campylobacter jejuni ATCC 29428 (WDCM 00156))	≤ 100	32
Inoculum on reference medium (Escherichia coli ATCC 25922 (WDCM 00013))	≥ 10000	68000
Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012))	≥ 10000	83000
Inoculum on reference medium (Proteus mirabilis ATCC 29906 (WDCM 00023))	≥ 10000	940000
Growth on mCCDA (Campylobacter coli ATCC 43478 (WDCM 00004))	> 10 CFU	passes test
Growth on mCCDA (Campylobacter jejuni ATCC 33291 (WDCM 00005))	> 10 CFU	passes test
Growth on mCCDA (Campylobacter jejuni ATCC 29428 (WDCM 00156))	> 10 CFU	passes test
Growth on Tryptic soy agar (Escherichia coli ATCC 25922 (WDCM 00013))	no growth	passes test
Growth on Tryptic soy agar (Escherichia coli ATCC 8739 (WDCM 00012))	no growth	passes test
Growth on Tryptic soy agar (Proteus mirabilis ATCC 29906 (WDCM 00023))	no growth	passes test
Colony color (Campylobacter coli ATCC 43478 (WDCM 00004))	greyish	passes test
Colony color (Campylobacter jejuni ATCC 33291 (WDCM 00005))	greyish	passes test
Colony color (Campylobacter jejuni ATCC 29428 (WDCM 00156))	greyish	passes test

#### Incubation:

Bolton broth: 5 ± 1 hours at 37 ± 1 °C, afterwards 44 ± 4 hours at 41.5 ± 1 °C, Anaerocult C  
Confirmation on mCCDA: at least 44 ± 4 hours at 41.5 ± 1 °C, Anaerocult C  
Confirmation on Tryptic soy agar: 24 ± 3 hours at 37 ± 1 °C, aerobic

Date of release (DD.MM.YYYY) 02.01.2023  
Expiry date (DD.MM.YYYY) 30.11.2025

Stefanie Fischer  
Responsible laboratory manager quality control

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