Specification

1.10426.0000 Coliform Agar acc. to ISO 9308-1 Chromocult®

	Specification
Appearance (clearness)	slightly turbid to turbid
Appearance (color)	yellowish to yellowish-brown
pH-value (25 °C)	6.6 - 7.0

Growth promotion test in accordance with the current version of DIN EN ISO 11133.

	Specification	
Inoculum on reference medium (Escherichia coli ATCC 25922 (WDCM 00013))		
Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012))		
Inoculum on reference medium (Enterobacter aerogenes ATCC 13048)		
Inoculum on reference medium (Citrobacter freundii ATCC 43864 (WDCM 00006))		
Colony count (Escherichia coli ATCC 25922 (WDCM 00013))		
Colony count (Escherichia coli ATCC 8739 (WDCM 00012))		
Colony count (Enterobacter aerogenes ATCC 13048)		
Colony count (Citrobacter freundii ATCC 43864 (WDCM 00006))		
Recovery on test medium (Escherichia coli ATCC 25922 (WDCM 00013))	≥ 70	%
Recovery on test medium (Escherichia coli ATCC 8739 (WDCM 00012))	≥ 70	%
Recovery on test medium (Enterobacter aerogenes ATCC 13048)	≥ 70	%
Recovery on test medium (Citrobacter freundii ATCC 43864 (WDCM 00006))	≥ 70	%
Growth (Enterococcus faecalis ATCC 19433 (WDCM 00009))	total to partial inhibition	
Growth (Pseudomonas aeruginosa ATCC 10145 (WDCM 00024))	no limit	
Colonies (Escherichia coli ATCC 25922 (WDCM 00013))	dark-blue to violet	
Colonies (Escherichia coli ATCC 8739 (WDCM 00012))	dark-blue to violet	
Colonies (Enterobacter aerogenes ATCC 13048 (WDCM 00175))	pink to red	
Colonies (Citrobacter freundii ATCC 43864 (WDCM 00006))	pink to red	
Colonies (Pseudomonas aeruginosa ATCC 10145 (WDCM 00024))	colourless	

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Incubation: 21 - 24 hours at 36 ± 2 °C

A recovery rate of 70 % is equivalent to a productivity value of 0.7.
The indicated colony counts result from the sum of a triple determination.
Reference media: Tryptic Soy Agar

Dr. Lukas Mechler
Responsible laboratory manager quality control

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