Specification

1.05450.0000 Nutrient agar acc. ISO 6579, ISO 10273 and ISO 21528 GranuCult®

	Specification
Appearance (clearness)	clear to slightly opalescent
Appearance (color)	yellowish-brown
pH-value (25 °C)	6.8 - 7.2
Solidification behaviour (2 hrs., 45 °C)	liquid

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

	Specification	
Inoculum on reference medium (Escherichia coli ATCC 8739 (WDCM 00012))		
Inoculum on reference medium (Escherichia coli ATCC 25922 (WDCM 00013))		
Inoculum on reference medium (Salmonella typhimurium ATCC 14028 (WDCM 00031))		
Inoculum on reference medium (Salmonella enteritidis ATCC 13076 (WDCM 00030))		
Inoculum on reference medium (Yersinia enterocolitica ATCC 9610 (WDCM 00038))		
Inoculum on reference medium (Yersinia enterocolitica ATCC 23715 (WDCM 00160))		
Inoculum on reference medium (Staphylococcus aureus ATCC 25923 (WDCM 00034))		
Colony count (Escherichia coli ATCC 8739 (WDCM 00012))		
Colony count (Escherichia coli ATCC 25922 (WDCM 00013))		
Colony count (Salmonella typhimurium ATCC 14028 (WDCM 00031))		
Colony count (Salmonella enteritidis ATCC 13076 (WDCM 00030))		
Colony count (Yersinia enterocolitica ATCC 9610 (WDCM 00038))		
Colony count (Yersinia enterocolitica ATCC 23715 (WDCM 00160))		
Colony count (Staphylococcus aureus ATCC 25923 (WDCM 00034))		
Recovery on test medium (Escherichia coli ATCC 8739 (WDCM 00012))	≥ 70	%
Recovery on test medium (Escherichia coli ATCC 25922 (WDCM 00013))	≥ 70	%
Recovery on test medium (Salmonella typhimurium ATCC 14028 (WDCM 00031))	≥ 70	%
Recovery on test medium (Salmonella enteritidis ATCC 13076 (WDCM 00030))	≥ 70	%

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Recovery on test medium (Yersinia enterocolitica ATCC 9610 (WDCM 00038))	≥ 70	%
Recovery on test medium (Yersinia enterocolitica ATCC 23715 (WDCM 00160))	≥ 70	%
Recovery (Staphylococcus aureus ATCC 25923 (WDCM00034))	≥ 70	%

Incubation:
24 ± 2 at 37 ± 1 °C aerobic
Yersinia 24 ± 2 hours at 30 ± 1 °C aerobic

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

Stefanie Fischer
Responsible laboratory manager quality control

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