



Specification

1.07994.0500 BAT agar according IFU Method No. 12 GranuCult®

	Specification
Appearance (clearness)	opalescent to turbid
Appearance (color)	yellowish
pH-value (25 °C)	3.8 - 4.2

Growth promotion test in accordance with the current version of IFU method no. 12 and DIN EN ISO 11133.

Poured plate method	Specification
Inoculum on reference medium (<i>Alicyclobacillus acidoterrestris</i> DSM 2498)	
Inoculum on reference medium (<i>Alicyclobacillus acidoterrestris</i> DSM 3922)	
Inoculum on reference medium (<i>Alicyclobacillus cycloheptanicus</i> DSM 4006)	
Inoculum on reference medium (<i>Alicyclobacillus hesperidum</i> DSM 12766)	
Colony count (<i>Alicyclobacillus acidoterrestris</i> DSM 2498)	
Colony count (<i>Alicyclobacillus acidoterrestris</i> DSM 3922)	
Colony count (<i>Alicyclobacillus cycloheptanicus</i> DSM 4006)	
Colony count (<i>Alicyclobacillus hesperidum</i> DSM 12766)	
Recovery on test medium (<i>Alicyclobacillus acidoterrestris</i> DSM 2498)	≥ 70 %
Recovery on test medium (<i>Alicyclobacillus acidoterrestris</i> DSM 3922)	≥ 70 %
Recovery on test medium (<i>Alicyclobacillus cycloheptanicus</i> DSM 4006)	≥ 70 %
Recovery on test medium (<i>Alicyclobacillus hesperidum</i> DSM 12766)	≥ 70 %

Membrane filtration	Specification
Inoculum on reference medium (<i>Alicyclobacillus acidoterrestris</i> DSM 2498)	
Inoculum on reference medium (<i>Alicyclobacillus acidoterrestris</i> DSM 3922)	
Colony count (<i>Alicyclobacillus acidoterrestris</i> DSM 2498)	
Colony count (<i>Alicyclobacillus acidoterrestris</i> DSM 3922)	
Recovery on test medium (<i>Alicyclobacillus acidoterrestris</i> DSM 2498)	≥ 70 %
Recovery on test medium (<i>Alicyclobacillus acidoterrestris</i> DSM 3922)	≥ 70 %

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Growth (Bacillus subtilis ATCC 6633 (WDCM total inhibition 00003))

Incubation:
up to 5 days at 45 ± 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: BAT agar

Stefanie Fischer
Responsible laboratory manager quality control

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