



Specification

1.05450.0500 Nutrient agar for microbiology

	Spec. Values
Appearance	
clearness	clear
colour	yellowish-brown
pH-value (25 °C)	6.8 - 7.2
Solidification behaviour (2 hrs., 45 °C)	liquid

Typical composition (g/litre): Peptone from meat 5.0; Meat extract 3.0; Agar-agar 12.0.

Growth promotion test in accordance with ISO 11133.

	Spec. Values
Inoculum on reference medium	
Staphylococcus aureus ATCC 25923 (WDCM 00034)	10 - 100
Listeria monocytogenes ATCC 19118	10 - 100
Escherichia coli ATCC 25922 (WDCM 00013)	10 - 100
Escherichia coli ATCC 8739 (WDCM 00012)	10 - 100
Salmonella typhimurium ATCC 14028 (WDCM 00031)	10 - 100
Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)	10 - 100
Bacillus cereus ATCC 11778 (WDCM 00001)	10 - 100
Yersinia enterocolitica ATCC 9610 (WDCM 00038)	10 - 100
Yersinia enterocolitica ATCC 23715 (WDCM 00160)	10 - 100
Recovery on test medium	
Staphylococcus aureus ATCC 25923 (WDCM 00034)	≥ 70 %
Listeria monocytogenes ATCC 19118	≥ 70 %
Escherichia coli ATCC 25922 (WDCM 00013)	≥ 70 %
Escherichia coli ATCC 8739 (WDCM 00012)	≥ 70 %
Salmonella typhimurium ATCC 14028 (WDCM 00031)	≥ 70 %
Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)	≥ 70 %
Bacillus cereus ATCC 11778 (WDCM 00001)	≥ 70 %
Yersinia enterocolitica ATCC 9610 (WDCM 00038)	≥ 70 %
Yersinia enterocolitica ATCC 23715 (WDCM 00160)	≥ 70 %

Incubation: 24 hrs.; 37 °C aerobic; Listeria up to 48 hrs.; Yersinia 24 hrs. 30 °C.

Reference: Tryptic-soy-agar.

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