

Nähragar I

Shorthand symbol:	NAI
Item number:	40-1165
Format:	Petri dish, 90mm
Colour:	Yellow, transparent
Storage conditions:	Dry and closed at 15-22°C
Shelf-life:	4 Months
pH:	7.2 ± 0.2 at 25°C



Intended use and fields of application

The nutrient agar I serves as a universal nutrient medium for breeding sophisticated microorganisms.

Typical composition in g/l

in g per 1l Medium

Meat Peptone	5
Gelatin Peptone	5
Casein Peptone	3.5
Casein hydrolyzate	3.5
Yeast Extract	3
Sodium Chloride	5
Agar	10

*Adjusted as required to meet performance standards

Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

Productivity

Incubation conditions: 24 ± 2 hours at 37 ± 1 °C; Inoculum concentration: 80 – 120 CFU

Organism	Test strain	Specification	colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	50 – 130 %	Good growth
Salmonella enterica serovar Enteritidis	ATCC 13076 / WDCM 00030	50 – 130 %	Good growth
Yersinia enterocolitica	ATCC 9610 / WDCM 00038	50 – 130 %	Good growth

Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

Specification

No microbial contamination