

DEV Nähragar (DEV)

According to DIN 38411

Shorthand symbol:	DEV
Item number:	40-1128
Format:	Petri Dish, 90mm
Colour:	Light yellowish
Storage conditions:	Dry, in closed bag at 15 – 22°C.
Shelf-life:	6 Months
pH:	7.3 ± 0.2 at 25°C



Intended use and fields of application

DEV Nutrient Agar is used for the detection, isolation and enumeration of bacteria from food and water. The medium corresponds to the requirements DIN 38411.

Typical composition in g/l

in g per 1 Litre of Nutrient medium

Peptone from flesh, tryptic-digested	10.0
Beef Extract	10.0
Sodium Chloride	5.0
Agar	10.0

*Adjusted as required to meet performance standards

Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements ISO 11133:2014.

Productivity

Incubation conditions: 44 ± 4 Hours at $36 \pm 1^\circ\text{C}$; Inoculum concentration: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	$\geq 70\%$	Yellowish/Cream colonies
Bacillus subtilis	ATCC 6633 / WDCM 00003	$\geq 70\%$	Yellowish/Cream colonie

Microbial Contamination

Incubation conditions: 5–7 days at $20\text{--}25^\circ\text{C}$ and 5–7 days at $30\text{--}35^\circ\text{C}$

Specification

No microbial contamination