

DEV Nutrient Agar (DEV)

According to DIN 38411 § 64 LFGB.

Shorthand symbol:	DEV
Item number:	72-1128
Format:	500ml-bottle with 400ml Nutrient medium
Colour:	Yellowish
Storage conditions:	Dry, in closed bag, at 15-22°C
Shelf-life:	6 Months
pH:	7.3 ± 0.2 bei 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 as well as to § 64 LFGB.

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

Microbiological quality control

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

Productivity

Incubation conditions: 44 ± 4 Hours at 36 ± 1°C; Inoculation concentration: 80–120 CFU

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

Microbial Contamination

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

Specification

No microbial contamination