



## DEV Nähragar (DEV)

The medium corresponds to the requirements DIN 38411 as well as to § 64 LFGB.

|                            |   |
|----------------------------|---|
| <b>Shorthand symbol:</b>   | DEV                                     |
| <b>Item number:</b>        | 71-1128                                 |
| <b>Format:</b>             | 250ml-bottle with 200ml Nutrient medium |
| <b>Colour:</b>             | Light yellowish                         |
| <b>Storage conditions:</b> | Dry, in closed bag, at 15 - 22°C        |
| <b>Shelf-life:</b>         | 6 Months                                |
| <b>pH:</b>                 | 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:  $44 \pm 4$  Hours at  $36 \pm 1^\circ\text{C}$ ; Inoculation 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