

## Buffered Peptone Water (PEP)

<b>Shorthand symbol:</b>	PEP
<b>Item number:</b>	60-1137
<b>Format:</b>	Tube, 9ml
<b>Colour:</b>	Clear, yellowish coloured
<b>Storage conditions:</b>	Dry, in closed bag, at 15-22°C
<b>Shelf-life:</b>	6 Months
<b>pH:</b>	7.0 ± 0.2 bei 25°C



### Intended use and fields of application

For enrichment of Salmonella from milk and dairy products and other microorganisms from other foods and from environmental samples.

### Typical composition in g/l

#### in g per 1 Litre of Nutrient medium

Casein Peptone	10
Sodium Chloride	5
Disodium Hydrogen Phosphate	3.5
Potassium Hydrogen Phosphate	1.5

## Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements of DIN EN ISO 11133.

### Produktivität

Incubation conditions: 18 ± 2 Hours at 36 ± 2 °C; Inoculum Concentration: 80 – 120 CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739/WDCM 00012	Very cloudy, turbid	-
Salmonella enterica serovar Enteritidis	ATCC 13076/WDCM 00030	Very cloudy, turbid	-

### Dilution

Incubation conditions: 45–60 Minutes at 22.5± 22,5 °C; Inoculum Concentration: 80-120 CFU

Organism	Type Strain	Specification	Colony morphology
Staphylococcus aureus	ATCC 25923/WDCM 00034	-	-
Listeria monocytogenes	ATCC 13932/WDCM 00021	-	-

### Microbial Contamination

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

### Specification

No microbial contamination