

## Ringerlösung (RIL)

<b>Shorthand symbol:</b>	RIL
<b>Item number:</b>	60-1550
<b>Format:</b>	Tube, 9ml
<b>Colour:</b>	clear, colourless
<b>Storage conditions:</b>	Dry, closed at 4-25°C
<b>Shelf-life:</b>	12 Months
<b>pH:</b>	6.9 ± 0.5 bei 25°C



## Intended use and fields of application

Ringer's Solution is for the isolation and cultivation of susceptible bacteria. It's composition prevents the microorganisms suffering from osmotic shock or being damaged when they are taken out of their usual environment.

## Typical composition in g/l

### in g per 1 Litre of Nutrient Medium

Sodium Hydrogen Carbonate	0.01
Calcium Chloride	0.12
Potassium Chloride	0.105
Sodium Chloride	2.25

## Microbiological quality control

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

### Productivity

Incubation Conditions: max. 45 min - 1 hour at 25°C, then transfer on TSA, 40-48h at 37°C; Inoculum Concentration: 10<sup>4</sup> CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 25922/WDCM 00013	-	White/grey colonies on TSA
Staphylococcus aureus	ATCC 25923/WDCM 00034	-	White/grey colonies on TSA

### Microbial Contamination

Incubation conditions: 48 ± 4h at 30 ± 1°C

### Specification

No microbial contamination