

## PEPTONE WATER BASE

A liquid medium base for carbohydrate decomposition studies.



Dehydrated media	
Code number:	500 g: PEW20500, 5 kg: PEW25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

**Direction:** Suspend **15 g** in one litre of distilled water and heat gently to dissolve the medium completely. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the filter sterilised solution of the indicator (bromocresol purple or Andrade) and sugar (10 g/l) to be examined to the medium. Dispense aseptically into sterile test tubes.

### FORMULA in g/l

Peptones	10
Sodium chloride	5

**Note:** The typical formula can be adjusted to obtain optimal performance.

**Storage conditions:** Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

#### Quality control:

Test strains	Incubation temp: 37 °C	Growth with BCP and 10 g/l lactose	Incubation time: 24 h
<i>Escherichia coli</i> ATCC 25922		Positive: Colour change to yellow	
<i>Salmonella typhimurium</i> ATCC 14028		Negative: No colour change	

**References:** Cruikshank (1968) Med. Microbiology 11<sup>th</sup> ed.

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