

# PEPTONE WATER WITH ANDRADE AND LACTOSE

A liquid medium for lactose decomposition studies.

<b>Dehydrated media</b>	
Code number:	500 g: PEW20500-10, 5 kg: PEW25000-10
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

**Direction:** Suspend **25 g** in one litre of distilled water and heat gently to dissolve the medium completely. Sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media bases:	100 ml: PEW30100-10, 500 ml: PEW30500-10
Tubed media:	100 x 12 mm: PEW40002-10 (2 ml)
Colour:	Yellowish
pH (25 °C):	7,1 – 7,3

**Direction:** Dispense the bottled media aseptically into sterile final test tubes. Media in tubes are ready to use.

## FORMULA in g/l

Peptones	10,000
Lactose	10,000
Sodium chloride	5,000
Andrade indicator	0,015

**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	Incubation time: 24 h
<i>Escherichia coli</i>	ATCC 25922	Positive: Colour change to red	
<i>Salmonella typhimurium</i>	ATCC 14028	Negative: No colour change	

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

**In vitro diagnostic – for professional use only!**