

## PEPTONE WATER, BUFFERED, PH EUR - USP

An enrichment medium for testing microbial contamination according to PH EUR (Buffered Sodium Chloride Peptone Solution pH 7.0 - Harmonised).

<b>Dehydrated media</b>	
Code number:	500 g: PBE20500, 5 kg: PBE25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 - 7,4

**Direction:** Suspend **16 g** in one litre of distilled water and heat gently to dissolve the medium completely. Surface-active agents or inactivators of antimicrobial agents may be added to this solution, such as: **TWEEN 80 Supplement (TWS80100)** 1 g/l to 10 g/l.

Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media:	90 ml: PBE30090, 100 ml: PBE30100 250 ml: PBE30250, 500 ml: PBE30500
Tubed media:	150 x 15 mm: PBE40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,1 - 7,3

**Direction:** Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use. If addition of supplement (e. g. **TWEEN 80 Supplement (TWS80100)**) is necessary, complete according to the direction of dehydrated media.

### FORMULA in g/l

Peptones	1,0
Sodium chloride	4,3
Potassium phosphate, monobasic	3,6
Sodium phosphate, dibasic	7,1

**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>Salmonella typhimurium</i> ATCC 14028		Good	

**References:** European Pharmacopoeia

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