

PharmaBio® PEPTONE WATER, BUFFERED

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

Dehydrated media	
Code number:	500 g: PPBE20500, 5 kg: PPBE25000
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.

Prepared media	
Bottled media:	100 ml: PPBE30100, 500 ml: PPBE30500
Tubed media:	150 x 15 mm: PPBE40010 (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: See the next page

References: European Pharmacopoeia

In vitro diagnostic – for professional use only!

Certificate of analysis

PharmaBio® PEPTONE WATER, BUFFERED	
Code number:	PPBE
Lot:	
Manufacture date:	
Expiry date:	

Description	
Type of culture medium:	
Packaging:	
Formula g/l:	
Peptones1 g	Sodium phosphate, dibasic.....7,1 g
Sodium chloride.....4,3 g	Distilled water.....ad 1000 ml
Potassium phosphate, monobasic3,6 g	
Sterilization: 121 °C – 15 minutes	
Supplement: -	

External control		
Dehydrated culture medium	Requirement	Result
Packaging:	Intact	
Appearance:	Fine powder	
Colour:	Yellowish	
Ready to use culture medium	Requirement	Result
Colour:	Yellowish	
Purity:	Transparent	
Precipitation:	Free from any precipitation	

CHEMICAL CONTROL			
pH at 25 °C:	Requirement: 7,2 ± 0,2		

MICROBIOLOGICAL CONTROL			
Cultivation ability test:			
Reference medium Lot:	Incubation temperature: 30 - 35 °C Incubation time: 24 ± 4 h		
Test strains	Reference (cfu)	Requirement	Result
<i>Salmonella typhimurium</i> ATCC 14028		growth	
Contamination control:			
Incubation temperature: 30 - 35 °C + 20 – 25 °C		Incubation time: 2 + 3 day	
Result:		No growth	

This product has been tested by Quality Control Laboratory and conforms to the specifications above.

This certificate was issued electronically and is valid without signature.