

## BUFFERED PEPTONE MEDIUM (EP)

<b>APPLICATION</b>	Buffered peptone medium is recommended for the preliminary non-selective enrichment of bacteria, particularly pathogenic Enterobacteriaceae such as Salmonella and Cronobacter, from food and animal feed, water and other materials. This medium complies with the recommendations of the European Pharmacopoeia (EP).
<b>PRINCIPLE AND INTERPRETATION</b>	The medium is rich in nutrients and produces high resuscitation rates for sublethally injured bacteria and intense growth. The phosphate buffer system prevents bacterial damage caused by changes in the pH of the medium. Peptone acts as a source of carbon, nitrogen, vitamins and minerals whilst sodium chloride maintains the osmotic balance.
<b>MEDIA COMPOSITION *</b>	<p>Peptone.....10.00 g/L  Sodium Chloride.....5.00 g/L  Potassium dihydrogen phosphate.....1.50 g/L  Disodium hydrogen phosphate** .....3.50 g/L</p> <p>Final pH7.0 ± 0.2</p> <p>* Adjusted and /or supplemented as required to meet performance criteria</p> <p>** 3.50 g/L Disodium hydrogen phosphate is equivalent to 9.00 g/L of Disodium hydrogen phosphate dodecahydrate.</p>
<b>STORAGE</b>	+2/+25°C  Protect from light, excessive heat, moisture and freezing
<b>STERILIZATION</b>	Autoclaved
<b>QUALITY CONTROL</b>	<b>Sterility control:</b> no growth
<b>GENERAL WARNING NOTES</b>	Device must be handled according to asepsis precautions, of utilization of culture media is strictly referred to the type of analysis that must be done. Please refer to specific norms and procedures. Do not use if device is broken. Do not use if media shows accidental contamination signs. Do not utilize after expiry date. Let device reach room temperature before utilizing. Results interpretation must be done by qualified personnel, who must consider context of use.  Disposal of waste must be carried out according to national and local regulations in force.

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This item is available in:

- Sterile bottled BUFFERED PEPTONE MEDIUM (EP)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	012.1/33PSC28.1L	012.1/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	1 year

*Customized filling volumes and formulations are available upon request*

*To receive information please*

*contact [info@cpcbiotech.it](mailto:info@cpcbiotech.it)*