

PHOSPHATE BUFFER (EP)

APPLICATION	Phosphate buffer are used for microbiological assays according to European Pharmacopeia (EP).		
PRINCIPLE AND INTERPRETATION	Phosphate buffer are required for the antibiotic preparations for the microbiological assay rather than unbuffered water in order to standardize this potential variable due to the wide variation in the pH of purified water from multiple sources.		
MEDIA COMPOSITION		Monobasic potassium phosphate	Final pH
	PHOSPHATE BUFFER 2 (0.05 M)	6.80 g/L	6.0±0.1
	PHOSPHATE BUFFER 3 (0.05 M)	6.80 g/L	6.8±0.1
	PHOSPHATE BUFFER 4 (0.05 M)	6.80 g/L	7.0±0.1
	PHOSPHATE BUFFER 5 (0.05 M)	6.80 g/L	8.0±0.1
	PHOSPHATE BUFFER 6 (0.05 M)	6.80 g/L	7.2±0.1
	* Adjusted and /or supplemented as required to meet performance criteria		
STORAGE	+2/+25°C Protect from light, excessive heat, moisture and freezing		
STERILIZATION	Autoclaved		
QUALITY CONTROL	Sterility control: no growth		
GENERAL WARNING NOTES	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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These items are available in:

➤ Sterile bottled PHOSPHATE BUFFER 2 (0.05 M)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	002.2/33PSC28.1L	002.2/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	1 year

➤ Sterile bottled PHOSPHATE BUFFER 3 (0.05 M)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	002.3/33PSC28.1L	002.3/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	1 year

➤ Sterile bottled PHOSPHATE BUFFER 4 (0.05 M)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	002.4/33PSC28.1L	002.4/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	1 year

➤ Sterile bottled PHOSPHATE BUFFER 5 (0.05 M)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	002.5/33PSC28.1L	002.5/33PSC28.1L.10 (10 bottles/pack)	1000ml in 1000ml volume, PP28 Screw cap bottle	1 year

➤ Sterile bottled PHOSPHATE BUFFER 6 (0.05 M)

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
1000ml	002.A/33PSC28.1L	002.A/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

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