

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B428	PHOSPHATE BUFFERED SALINE, PH 7.2				
Formula					
Ingredients :					
		gms/lit.			
Sodium chloride		8.50			
Disodium hydrogen phosphate		1.91			
Potassium dihydrogen phosphate		0.38			
Final pH (at 25°C) :		7.2 ± 0.2			
Directions :					
Suspend 10.79 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 10 lbs pressure (115°C) for 10 minutes.					
Principle :					
Phosphate Buffered Saline is used for preparing dilutions, blanks for the examination of waters, dairy products, foods, utensils and other specimens. This solution gives a pH of 7.2 and also provides potassium, sodium and phosphate ions					
QC Tests - (I)Dehydrated Medium					
Colour:	White to cream				
Appearance:	Homogeneous free flowing powder				
II)Rehydrated medium					
Colour:	Colourless				
Clarity:	Clear solution without any precipitate				
Precautions :	1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Use:	It is used for preparation of dilutions and blanks.				
Storage :	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :	500 gm. bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B428	10.79 g/l	46.339 L	7.2 ± 0.2	NIL	115°C / 10 minutes