

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 :	<ol style="list-style-type: none"> 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 ⁰ C / 10 minutes

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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