

TECHNICAL SHEET

B936I	ALKALINE PEPTONE WATER					
Formula						
Ingredients:			gms/lit.			
Peptic digest of animal tissue			20.00			
Sodium chloride			30.00			
Final pH (at 25°C) :			8.6 ± 0.2			
Directions :						
Suspend 50 grams in 1000 ml distilled water. Heat if necessary, to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Peptic digest of animal tissue provides amino acids and other nitrogenous substances. Sodium chloride maintains osmotic equilibrium						
QC Tests – (I) Dehydrated Medium						
Colour :		Cream to light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		8.6 ± 0.2				
Colour (post autoclaving/heating) :		Pale Yellow to light yellow				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 –24 hrs at 35-37°C.						
MICROORGANISM (ATCC)			GROWTH			
Vibrio parahaemolyticus (17802)			Luxuriant			
Vibrio cholerae (15748)			Luxuriant			
Precautions :		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Limitations :		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
Use :		It is recommended for enrichment of Vibrio parahaemolyticus. The composition and performance criteria of this medium are as per the specifications laid down in ISO 1990, Draft ISO/DIS 8914.				
Storage :		Dehydrated medium-below30°C Prepared medium- Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B936I	50.00 g/l	10.0 L	8.6 ± 0.2	Nil	121°C /15 min.	

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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