BIOMARK Laboratories-INDIA

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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	121^0C /15 min.