

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 :					
Peptone provides carbonaceous, nitrogenous and essential nutrients to the organisms. High concentration of sodium chloride in addition to maintaining the osmotic equilibrium also has an inhibitory action on the accompanying micro flora					
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 :	<ol style="list-style-type: none"> 1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. 				
Limitations :	<ol style="list-style-type: none"> 1. Certain strains of Vibrio species requiring higher sodium chloride concentration may show poor growth. 2. Further recovery from this enriched broth onto selective media is required. 3. Biochemical characterization is carried out from pure isolates for complete identification. 				
Use :	It is Recommended for enrichment of <i>Vibrio parahaemolyticus</i> . Composition and performance criteria of this medium are as per the specification 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:

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