

**TECHNICAL SHEET**

<b>B936I</b>	<b>Alkaline Saline Peptone Water (ASPW)</b>				
<b>Formula</b>					
<b>Ingredients:</b>	<b>Gms /lit.</b>				
Peptic digest of animal tissue	20.00				
Sodium chloride	20.00				
Final pH (at 25°C) :	8.6 ± 0.2				
<b>Directions :</b>					
Suspend 40 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.					
<b>Principle :</b>					
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					
<b>QC Tests – (I)Dehydrated Medium</b>					
	Colour :	Cream to light yellow			
	Appearance :	Homogeneous Free Flowing powder			
<b>(II)Rehydrated medium</b>					
	pH (post autoclaving/heating) :	8.6 ± 0.2			
	Colour (post autoclaving/heating) :	Pale Yellow to light yellow			
	Clarity (post autoclaving/heating) :	Clear			
<b>(III)Q.C. Test Microbiological</b>					
	Cultural characteristics observed after 18 –24 hrs at 35-37°C.				
	MICROORGANISM (ATCC )	GROWTH			
	Vibrio parahaemolyticus (17802 )	Luxuriant			
	Vibrio cholerae (15748 )	Luxuriant			
<b>Precautions :</b>	1. For Laboratory Use.				
	2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>	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.				
<b>Use :</b>	Recommended for enrichment of Vibrio species from food and water samples in accordance with ISO/TS 21872-1:2017. Horizontal method for the detection of the two main pathogenic Vibrio species causing intestinal illness in humans: V. parahaemolyticus and V. cholera.				
<b>Storage :</b>	Dehydrated medium-below30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>	500 gm. bottle				
<b>Product profile:</b>	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
	B936I	40 g/l	12.500 L	8.6 + 0.2	Nil

**Disclaimer:**

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