BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B398	**ALKALINE PEPTONE WATER**
Formula	
Ingredients :	**gms/lit.**
Peptone	10.00
Sodium chloride	10.00
Final pH (at 25°C) :	8.4 ± 0.2
Directions :	
Suspend 20.0 grams in 1000 ml distilled water. Heat if necessary, to dissolve the medium completely. Dispense in tubes or flasks as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.	
Principle :	
Peptone provides nitrogen and carbon source, long chain amino acids, vitamins and other essential nutrients. 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) :	8.4 ± 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. 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 characterisation is carried out from pure isolates for complete identification.
Use :	For enrichment of Vibrio species.
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
B398	20.00 g/l	25.0 L	8.4 ±0.2	None	121^0C/15 min.