

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) :	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°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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