

**BIOMARK Laboratories-INDIA**

[www.biomarklabs.com](http://www.biomarklabs.com)

**TECHNICAL SHEET**

<b>BW398</b>	<b>ALKALINE PEPTONE WATER</b>					
<b>Formula</b>						
<b>Ingredients :</b>			<b>gms/lit.</b>			
Peptic digest of animal tissue			10.00			
Sodium chloride			5.00			
Final pH (at 25°C) :			8.2 ± 0.2			
<b>Directions :</b>						
Suspend 15 gms in 1000 ml distilled water. Boil to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121° C) for 15 minutes.						
<b>Principle :</b>						
It contains peptone as source of carbon, nitrogen, vitamins and minerals. Sodium chloride maintains osmotic balance of the medium.						
<b>QC Tests – (I) Dehydrated Medium</b>						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		8.2 ± 0.2				
Colour (post autoclaving/heating) :		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. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>		Recommended by BIS for enrichment of Vibrio species.				
<b>Storage :</b>		Dehydrated medium-below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>		500/100 gm. bottle				
<b>Product profile:</b>		Reconstitution	Quantity on Preparation (500g) (100g)	pH (25°C)	Supplement	Sterilization
<b>BW398</b>	15.00 g/l	33.33 L	6.66L	8.2 ± 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 BIOMARK LABORATORIES publications.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.