

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B1813	SALINE PEPTONE WATER					
Formula						
Ingredients:		Gms /lit.				
Peptone		20.00				
Sodium chloride		20.00				
Final pH (at 25°C) : 8.6 ± 0.2						
Directions :						
Suspend 40 grams in 1000 ml purified / 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 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 microflora.						
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) :	Light yellow			
		Clarity (post autoclaving/heating) :	Clear			
(III)Q.C. Test Microbiological						
Cultural characteristics observed after incubation at 35-37°C for 18-24 hours.						
		MICROORGANISM (ATCC)	GROWTH			
		Vibrio cholerae ATCC 15748	luxuriant			
		Vibrio parahaemolyticus ATCC 17802	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 characterization is carried out from pure isolates for complete identification				
Use:		As all-purpose growth medium and as the basis of carbohydrate fermentation media.				
Storage :		Dehydrated medium- below 30 ° C Prepared mediums– Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1813	40 g/l	12.500L	8.6 ± 0.2	NIL	121 ⁰ C / 15 minutes	

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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