

TECHNICAL SHEET

BW807	TRYPTONE WATER W/O SODIUM CHLORIDE					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate		10.00				
Final pH (at 25°C) : 7.4 ± 0.2						
Directions :						
Suspend 10.0 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. For testing <i>Vibrio parahaemolyticus</i> add Sodium chloride to a final concentration of 8 or 10% as desired before sterilization.						
Principle :						
Casein enzymic hydrolysate provides carbonaceous nitrogenous compounds and other essential growth nutrients.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.4 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 24 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH WITHOUT Sodium chloride	GROWTH WITH 8% Sodium chloride	GROWTH WITH 10% Sodium chloride	GROWTH WITH Sodium chloride	
<i>Vibrio cholerae</i> (15748)		positive	negative	negative	negative	
<i>Vibrio parahaemolyticus</i> (17802)		negative	positive	positive	positive	
Precautions :		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Limitations :		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
Use :		Recommended by BIS for detection of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i> .				
Storage :		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
BW807	10 g/L	50.00L	7.4 ± 0.2	NIL	121°C /15 min.	

Disclaimer:

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