

**BIOMARK Laboratories-INDIA**

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**TECHNICAL SHEET**

<b>B902</b>	<b>AATCC BACTERIOSTASIS BROTH</b>				
<b>Formula</b>					
<b>Ingredients :</b>	<b>gms/lit.</b>				
Peptic digest of animal tissue	10.00				
Meat extract B #	5.00				
Sodium chloride	5.00				
# Equivalent to Beef Extract					
Final pH (at 25°C) :	6.8 ± 0.2				
<b>Directions :</b>	Suspend 20.0 grams in 1000 ml purified / distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and dispense as desired.				
<b>Principle :</b>	Broth is useful for subcultures in phenol coefficient and dilution tests and tests of bacteriostatic, germicidal, sporicidal activity and also as a base for the preparation of AATCC Bacteriostasis agar. Peptic digest of animal tissue and meat extract B are the sources of carbon, nitrogen, vitamins and minerals. Sodium chloride provide essential ions.				
<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) :	6.8 ± 0.2				
Colour (post autoclaving/heating) :	Amber				
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			
	Escherichia coli (25922)	Luxuriant			
	Staphylococcus aureus (6538)	Luxuriant			
	Pseudomonas aeruginosa (27853)	Luxuriant			
	Salmonella typhi ( 6539 )	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>	For antibacterial testing of antiseptics and disinfectants.				
<b>Storage :</b>	Dehydrated medium-below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>	500 gm. bottle				
<b>Product profile:</b>	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B902</b>	20.00 g/l	25.00 L	6.8 +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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