

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B902	AATCC BACTERIOSTASIS BROTH				
Formula					
Ingredients :	gms/lit.				
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				
Directions :					
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.					
Principle :					
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 beef extract are the sources of carbon, nitrogen, vitamins and minerals. Sodium chloride provide essential ions.					
QC Tests – (I) Dehydrated Medium					
Colour :	Cream to yellow				
Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium					
pH (post autoclaving/heating) :	6.8 ± 0.2				
Colour (post autoclaving/heating) :	Amber				
Clarity (post autoclaving/heating) :	Clear				
(III) Q.C. Test Microbiological					
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				
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 :					
B902: For antibacterial testing of antiseptics and disinfectants.					
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	
B902	20.00 g/l	25.00 L	6.8 ±0.2	None	121°C /15 min.

Disclaimer:

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