

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B173	DISINFECTANT TEST BROTH, AOAC					
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 grams in 1000 ml purified / distilled water. Heat if necessary to dissolve the medium completely. Dispense as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C.						
Principle :						
The medium contains the ingredients like meat extract B and peptic digest of animal tissue which provide necessary nutrients to the growth of test organisms like Salmonella typhi, Pseudomonas aeruginosa and Staphylococcus aureus. Presence of sodium chloride balances the osmotic equilibrium.						
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) :		Yellow				
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)		Good - luxuriant				
Staphylococcus aureus (25923)		Luxuriant				
Pseudomonas aeruginosa (27853)		Good - luxuriant				
Staphylococcus aureus (6538)		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 :		Recommended by AOAC for testing 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
B173		20g/l	25L	6.8 ± 0.2	NIL	121°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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