

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B448	DISINFECTANT TEST BROTH (C.S.M.A. BROTH)					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		5.00				
Proteose peptone		5.00				
Yeast extract		2.50				
Meat extract B#		2.50				
Sodium chloride		5.00				
# Equivalent to beef Extract						
Final pH (at 25°C) : 6.8 ± 0.2						
Directions :						
Suspend 20 gms.in 1000 ml. distilled water. Heat to dissolve the medium completely. Dispense as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Proteose peptone, peptic digest of animal tissue and beef extract provide carbonaceous, nitrogenous compounds and other necessary nutrients for the growth of the test organisms. Yeast extract provides vitamins and other trace nutrients. Sodium chloride maintains 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 :		It is recommended for testing disinfectants as per Chemical Specialties Manufacturer's Association.				
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
B448		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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