

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B748	STERILITY TESTING MEDIUM-A					
Formula						
Ingredients :		gms/lit.				
Meat extract		5.00				
Peptic digest of animal tissue		15.00				
Sodium chloride		5.00				
Final pH (at 25°C) :		7.4± 0.2				
Directions :						
Suspend 25 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
The medium contains peptic digest of animal tissue and meat extract which provide carbonaceous, nitrogenous compounds and essential growth nutrients for the growth of microorganisms. Sodium chloride maintains the osmotic balance.						
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 solution				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 - 24 hrs.at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Bacillus subtilis (6633)		Luxuriant				
Enterococcus faecalis (29212)		Luxuriant				
Pseudomonas aeruginosa (27853)		Luxuriant				
Staphylococcus aureus (25923)		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 used for checking presence of aerobic microorganisms in pharmacopoeial articles.				
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
B748	25 g/l		20.0 L	7.4 ± 0.2	NIL	121°C / 15 minutes