

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B038	FLUID SABOURAUD MEDIUM					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate		5.00				
Peptic digest of animal tissue		5.00				
Dextrose		20.00				
Final pH (at 25°C) : 5.7 ± 0.2						
Directions :						
Suspend 30 gms. in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Casein enzymic hydrolysate and peptic digest of animal tissue supply nitrogenous and carbonaceous compounds essential for the growth of bacteria and fungi. Dextrose acts as the source of energy. Product to be tested and a positive control are incubated at 22-25°C for 10 days. If growth is comparable, then the product is considered as non-fungistatic. Use larger ratio of medium to product or add suitable sterile inactivating agent.						
QC Tests – (I) Dehydrated Medium						
Colour :		Light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		5.7 ± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 48 - 72 hrs. at 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Aspergillus niger (16404)		Luxuriant				
Candida albicans (10231)		Luxuriant				
Escherichia coli (25922)		Luxuriant				
Lactobacillus casei (9595)		Luxuriant				
Saccharomyces cerevisiae (9763)		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 :						
As a sterility test medium for molds and lower bacteria in pharmaceutical preparations.						
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
B038	30g/l		16.66L	5.7 ± 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 BIOMARK LABORATORIES publications.

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