

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B668	PEPTONE YEAST DEXTROSE BROTH (CANTINO)				
Formula					
Ingredients :			gms/lit.		
Peptic digest of animal tissue			1.25		
Yeast extract			1.25		
Dextrose			3.00		
Final pH (at 25°C) : 6.8 ± 0.2					
Directions :					
Suspend 5.5 gms in 1000ml. distilled water. Heat to boiling 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 yeast extract which supply the nitrogenous nutrients, vitamin B complex, peptides and trace ingredients for the growth of aquatic fungi. Dextrose is the energy source.					
QC Tests - (I) Dehydrated Medium					
Colour :			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 to slightly opalescent		
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 8 days at 25°C.					
MICROORGANISM (ATCC)		GROWTH			
Blastocladiella emersonii		Luxuriant			
Candida albicans (10231)		Luxuriant			
Saccharomyces cerevisiae (9763)		Luxuriant			
Eikenella corrodens		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 :					
For cultivation of aquatic fungi like Blastocladiella species.					
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
B668	5.5g/l	90.909l	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 BIOMARK LABORATORIES publications.

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