

TECHNICAL SHEET

B075	TRICHOMONAS BROTH BASE NO.2				
Formula					
Ingredients :		gms/lit.			
Glucose		22.50			
Liver digest		18.00			
Casein enzymic hydrolysate		17.00			
Sodium chloride		5.00			
Papaic digest of soyabean meal		3.00			
Dipotassium hydrogen phosphate		2.50			
Chloramphenicol		0.125			
Calcium pantothenate		0.005			
Final pH (at 25°C) : 6.2 ± 0.2					
Directions :					
Suspend 68.13 grams in 750 ml distilled water. Heat if necessary to dissolve the medium completely. Mix thoroughly. Sterilize by autoclaving at 5 lbs pressure (108°C) for 15 minutes. Cool to 45-50°C. Aseptically add 250 ml of sterile horse serum (BF021). Mix thoroughly and dispense as desired.					
Principle :					
Casein enzymic hydrolysate and papaic digest of soyabean meal and liver digest provide the nitrogenous substances. Glucose acts as the energy source. The selective agent chloramphenicol is inhibitory to gram-positive and gram-negative bacteria but not for Trichomonas species. Sodium chloride maintains the osmotic equilibrium of the medium. Dipotassium phosphate buffers the medium. Calcium pantothenate acts as a growth factor. The small amount of agar helps to create anaerobiosis.					
QC Tests - (I) Dehydrated Medium					
	Colour :	Light yellow to light brown			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	6.2 ± 0.2			
	Colour (post autoclaving/heating) :	Dark amber			
	Clarity (post autoclaving/heating) :	clear solution in tubes			
(III) Q.C. Test Microbiological					
	Cultural characteristics observed after an incubation at 35-37°C for 3-5 days with added Horse serum (BF021).				
	MICROORGANISM (ATCC)	GROWTH			
	Candida albicans (10231)	Luxuriant			
	Trichomonas vaginalis (30001)	Luxuriant			
	Escherichia coli (25922)	Inhibited			
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 the isolation of Trichomonas vaginalis .				
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
B075	68.13 g/l	7.338 L	6.2 ± 0.2	Horse Serum (BF021)	108°C /15 min.

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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