

TECHNICAL SHEET

B337	TRICHOMONAS AGAR BASE					
Formula						
Ingredients :		gms/lit.				
Liver digest		25.00				
Sodium chloride		6.50				
Dextrose		5.00				
Agar		1.00				
Final pH (at 25°C) : 6.4 ± 0.2						
Directions :						
Suspend 37.5 gms.in 920ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 50°C.Inactive 80 ml. of Horse Serum (BF021), adjust its pH to 6.0 and add it to the medium for diagnostic work. Add Trichomonas Selective Supplement II (BF099) to increase selectivity of the medium.						
Principle :						
Incorporation of liver digest in the medium makes slightly reducing atmosphere which inturn favours better growth of Trichomonas species. Sodium chloride maintains osmotic equilibrium. Dextrose acts as a source of carbohydrates.						
QC Tests – (I) Dehydrated Medium						
Colour :		Light yellow to light brown				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.4 ± 0.2				
Colour (post autoclaving/heating) :		Dark amber				
Clarity (post autoclaving/heating) :		Slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed with added inactivated Horse Serum and Trichomonas Selective Supplement II (BF099), after an incubation at 35-37°C for 3-5 days.						
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 :		For detection and isolation of Trichomonas vaginalis and Candida albicans from clinical specimens.				
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
B337	37.5g/l	13.33L	6.4 ± 0.2	Horse Serum , Trichomonas Selective Supplement II (BF099)	121°C /15 min.	

Refer disclaimer Overleaf

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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