

**TECHNICAL SHEET**

<b>B619</b>	<b>TRICHOMONAS MODIFIED CPLM MEDIUM BASE</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Peptic digest of animal tissue		32.00				
Liver digest		20.00				
Maltose		1.60				
L-cysteine hydrochloride		2.40				
Final pH (at 25°C) : 6.0 ± 0.2						
<b>Directions :</b>						
Suspend 56 gms. in 900ml. distilled water. Heat to dissolve the medium completely. Distribute in bottles in 90ml. amounts and sterilize by autoclaving at 10 lbs pressure (115°C) for 10 minutes. Cool to 50°C and aseptically add the following (per 90 ml. of medium)						
<b>Principle :</b>						
Peptic digest of animal tissue and liver digest provide nitrogenous compounds and other essential nutrients. L-cysteine hydrochloride acts as a reducing agent. The antibiotics inhibit bacterial growth and supports growth from a single protozoon under strictly anaerobic conditions. Under anaerobic conditions massive inocula are required.						
<b>QC Tests – (I) Dehydrated Medium</b>						
Colour :		Light to medium yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		6.0 ± 0.2				
Colour (post autoclaving/heating) :		Brownish yellow				
Clarity (post autoclaving/heating) :		Clear				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after 4 days at 35-37°C.						
MICROORGANISM (ATCC )		GROWTH				
Trichomonas vaginalis (30001 )		Good -Luxuriant				
<b>Precautions :</b>		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>		For cultivation of Trichomonas species.				
<b>Storage :</b>		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>		500 gm. bottle				
<b>Product profile:</b>		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B619</b>		56g/l	8.928L	6.0 ± 0.2	Antibiotics	115°C /10 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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