

TECHNICAL SHEET

B569	MUCATE CONTROL BROTH				
Formula					
Ingredients :			gms/lit.		
Peptic digest of animal tissue			10.00		
Bromo thymol blue			0.024		
Final pH (at 25°C) : 7.4 ± 0.2					
Directions :					
Suspend 10gms. in 1000ml distilled water. Dispense in 5 ml. amounts in screw – capped tubes. Sterilize by autoclaving at 15 lbs pressure (121°C) for 10 minutes.					
Principle :					
Peptic digest of animal tissue supplies the necessary nutrients to the organisms. pH indicator is bromo thymol blue.					
QC Tests – (I)Dehydrated Medium					
	Colour :		Yellow		
	Appearance :		Homogeneous Free Flowing powder		
(II)Rehydrated medium					
	pH (post autoclaving/heating) :		7.4 ± 0.2		
	Colour (post autoclaving/heating) :		Blue		
	Clarity (post autoclaving/heating) :		Clear		
(III)Q.C. Test Microbiological					
	Cultural characteristics observed after 24- 48 hrs.at 35-37°C.				
	MICROORGANISM (ATCC)	GROWTH			
	Escherichia coli (25922)	Luxuriant			
	Klebsiella pneumoniae (13883)	Luxuriant			
	Salmonella paratyphi B	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 identification of enteropathogenic E.Coli and Shigella species from milk and milk products.			
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
B569	10g/l	50L	7.4 ± 0.2	NIL	121 ⁰ C / 10 minutes