

B959	C.L.E.D. AGAR WITHOUT INDICATOR					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		4.00				
Casein enzymic hydrolysate		4.00				
Beef extract		3.00				
Lactose		10.00				
L-cystine		0.128				
Agar		15.00				
Final pH (at 25°C) : 7.3 ± 0.2						
Directions :						
Suspend 36.1 grams in 998 ml distilled water. Add rehydrated contents of 1 vial of Bromo Thymol Blue Supplement (BF030). Heat, to boiling, to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and pour into sterile Petri plates.						
Principle :						
Peptic digest of animal tissue, beef extract, casein enzymic hydrolysate provides essential growth nutrients. Lactose is the fermentable sugar. L-cystine supports the growth of dwarf coliform colony. Bromo thymol blue is the pH indicator which turns yellow at acidic pH.						
QC Tests – (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.3 ± 0.2				
Colour (post autoclaving/heating) :		Green with addition of Bromo Thymol Blue Supplement				
Clarity (post autoclaving/heating) :		Slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed with added Bromothymol Blue Supplement (BF030), after an incubation at 35-37°C for 18-24 hours.						
MICROORGANISM (ATCC)		GROWTH		COLOUR OF COLONY		
Escherichia coli (25922)		Good-luxuriant		Yellow, opaque, center slightly deeper yellow		
Klebsiella pneumoniae (13883)		Good-luxuriant		Yellow to whitish blue		
Proteus vulgaris (13315)		Good-luxuriant		Blue		
Salmonella typhi (6539)		Good-luxuriant		Bluish		
Staphylococcus aureus (25923)		Good-luxuriant		Deep yellow		
Streptococcus faecalis (29212)		Good-luxuriant		Slight yellowish or greenish		
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 isolation enumeration and presumptive identification of bacteria flora in urinary tract.				
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
B959		36.1g/l	13.85L	7.3 ± 0.2	Bromo Thymol Blue (BF030)	121°C / 15 minutes