

TECHNICAL SHEET

B959	C.L.E.D. AGAR WITHOUT INDICATOR				
Formula					
Ingredients :			gms/lit.		
Peptic digest of animal tissue			4.00		
Casein enzymic hydrolysate			4.00		
Meat Extract B#	3.00				
Lactose	10.00				
L-cystine			0.128		
Agar			15.00		
#- Equivalent to Beef extract					
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, Meat Extract B, 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)	
B959		36.1g/l		13.85L	
		pH (25°C)		Supplement	
		7.3 ± 0.2		Bromo Thymol Blue (BF030)	
		Sterilization		121°C / 15 minutes	

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 BIOMARK LABORATORIES publications.

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