

TECHNICAL SHEET

B949	BROMO CRESOL PURPLE AZIDE BROTH					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate		10.00				
Yeast extract		10.00				
D-Glucose		5.00				
Sodium chloride		5.00				
Dipotassium hydrogen phosphate		2.70				
Potassium dihydrogen phosphate		2.70				
Sodium azide		0.50				
Bromo cresol purple		0.032				
Final pH (at 25°C) : 7.0 ± 0.2						
Directions :						
Suspend 36 gms. in 1000 ml. distilled water. Add 5ml glycerol if desired. Dispense into test tubes and sterilize by autoclaving at 10lbs pressure (115°C) for 15 minutes.						
Principle :						
Casein enzymic hydrolysate and yeast extract provides all essential growth nutrients like amino acids, vitamins, trace elements etc. Sodium azide inhibits most of the contaminating gram – negative bacilli. Glucose is the fermentable sugar.						
QC Tests – (I)Dehydrated Medium						
Colour :		Purplish beige to purplish cream				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		7.0 ± 0.2				
Colour (post autoclaving/heating) :		Purple				
Clarity (post autoclaving/heating) :		Clear				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 24 –48 hrs at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH		ACID		
Enterococcus faecalis (29212)		luxuriant		+		
Streptococcus pyogenes (19615)		poor		-		
Streptococcus agalactiae (13813)		poor		-		
Escherichia coli (25922)		inhibited		-		
Pseudomonas aeruginosa (27853)		inhibited		-		
Key : + = positive reaction, yellow colour - = negative reaction, no colour change.						
Precautions :		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. 3. IRRITANT. Harmful by inhalation and if swallowed. Irritating to eyes, respiratory system and skin. Avoid contact with skin and eyes. Do not breathe dust. Wear suitable protective clothing. Keep container tightly closed. Target organ(s) : Cardiovascular, Lungs, Nerves.				
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 the confirmation of the presence of faecal streptococci in water and waste water.				
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
B949		36g/l	13.888L	7.0 ± 0.2	NIL	115°C / 15 minutes

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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