

**BIOMARK Laboratories-INDIA**

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**TECHNICAL SHEET**

B935	AZIDE DEXTROSE BROTH WITH BCP					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate	15.00					
Meat extract	4.50					
Glucose	7.50					
Sodium chloride	7.50					
Sodium azide	0.20					
Bromo cresol purple	0.015					
Final pH (at 25°C) : 7.2 ± 0.2						
Directions :						
Suspend 34.7 gms. in 1000 ml. distilled water. Heat to boiling to dissolve the medium completely. Dispense in tubes and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Azide Dextrose Broth is a highly nutritious medium due to the presence of casein enzymic hydrolysate, meat extract and glucose which provide nitrogenous compounds, carbon, sulphur, amino acids and trace elements. Sodium azide inhibits growth of gram-negative organisms and permit the cultivation of faecal Streptococci.						
QC Tests – (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.2 ± 0.2				
Colour (post autoclaving/heating) :		Purple				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18-24 hrs. at 35-37°C.						
MICROORGANISM (ATCC )		GROWTH				
Enterococcus faecalis (29212 )		Luxuriant				
E. coli (25922 )		Inhibited				
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 cultivation of faecal Streptococci.				
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
B935		34.7 g/l	14.4 L	7.2 ± 0.2	Nil	121°C /15 min.