

**BIOMARK Laboratories-INDIA**

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**TECHNICAL SHEET**

<b>B767</b>	<b>TRYPTONE GLUCOSE MEAT EXTRACT B AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Casein enzymic hydrolysate		5.00				
Meat extract B#		3.00				
Glucose		1.00				
Agar		15.00				
# Equivalent to Beef Extract						
Final pH (at 25°C) : 7.0 ± 0.2						
<b>Directions :</b>						
Suspend 24 grams in 1000 ml distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
<b>Principle :</b>						
Casein enzymic hydrolysate, Meat extract B provide nitrogenous compounds, vitamin B complex and other essential growth nutrients. Glucose is the energy source. Agar is the solidifying agent.						
<b>QC Tests - (I) Dehydrated Medium</b>						
Colour :		Cream to light yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		7.0 ± 0.2				
Colour (post autoclaving/heating) :		Light yellow to light amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after 18 - 24 hrs. at 35 -37°C.						
MICROORGANISM (ATCC )		GROWTH				
Bacillus subtilis (6633)		Luxuriant				
Escherichia coli (25922)		Luxuriant				
Lactobacillus casei (9595 )		Luxuriant				
Pseudomonas aeruginosa (27853)		Luxuriant				
Staphylococcus aureus (25923)		Luxuriant				
Enterococcus faecalis (29212)		Luxuriant				
Streptococcus pyogenes (19615)		Luxuriant				
<b>Precautions :</b>		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>		For enumeration of bacteria in water, air, milk and other dairy products.				
<b>Storage :</b>		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>		500 gm. bottle				
<b>Product profile:</b>		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B767</b>		24g/l	20.33L	7.0 ± 0.2	NIL	121°C /15 min.

**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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