

## TECHNICAL SHEET

<b>B867</b>		<b>M-NUTRIENT BROTH</b>			
<b>Formula</b>					
<b>Ingredients :</b>		<b>gms/lit.</b>			
Peptic digest of animal tissue		40.00			
Yeast extract		6.00			
Final pH (at 25°C) : 7.2 ± 0.2					
<b>Directions :</b>					
Suspend 46 gms. in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.					
<b>Principle :</b>					
The medium has relatively simple formulation with high amount of peptic digest of animal tissue and low amount of yeast extract. These nutrients supports the growth of nonfastidious microorganisms and thus enable the user to enumerate and cultivate the bacteria in any liquid materials using membrane filter technique.					
<b>QC Tests – (I)Dehydrated Medium</b>					
	Colour :	Light yellow			
	Appearance :	Homogeneous Free Flowing powder			
<b>(II)Rehydrated medium</b>					
	pH (post autoclaving/heating) :	7.2 ± 0.2			
	Colour (post autoclaving/heating) :	Light yellow			
	Clarity (post autoclaving/heating) :	Clear			
<b>(III)Q.C. Test Microbiological</b>					
	Cultural characteristics observed after 18 –48 hrs.at 35-37°C.				
	MICROORGANISM (ATCC )	GROWTH			
	Escherichia coli (25922)	Luxuriant			
	Pseudomonas aeruginosa (27853)	Luxuriant			
	Staphylococcus aureus (25923)	Luxuriant			
	Staphylococcus epidermidis (12228)	Luxuriant			
	Enterococcus faecalis (29212)	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 using membrane filter technique.			
<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>B867</b>		46g/l	10.869L	7.2 ± 0.2	NIL
					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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