

**BIOMARK Laboratories-INDIA**

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**TECHNICAL SHEET**

<b>B462</b>	<b>PEPTONE MEAT BROTH (MEAT EXTRACT W/ PEPTONE)</b>				
<b>Formula</b>					
<b>Ingredients :</b>					
		<b>gms/lit.</b>			
Peptic digest of animal tissue		10.00			
Sodium chloride		15.00			
Meat extract		3.00			
Final pH (at 25°C) :Self					
<b>Directions :</b>					
Suspend 28 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Distribute into tubes or flasks. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
<b>Principle :</b>					
Meat extract along with peptic digest of animal tissue provides necessary nitrogenous compounds and other nutrients for growth. Sodium chloride maintains osmotic equilibrium.					
<b>QC Tests – (I)Dehydrated Medium</b>					
	Colour :	Cream to yellow			
	Appearance :	Homogeneous Free Flowing powder			
<b>(II)Rehydrated medium</b>					
	pH (post autoclaving/heating) :	Self			
	Colour (post autoclaving/heating) :	Yellow			
	Clarity (post autoclaving/heating) :	Clear solution without any precipitate			
<b>(III)Q.C. Test Microbiological</b>					
Cultural characteristics observed after an incubation at 35-37°C for 24-48 hours.					
	MICROORGANISM (ATCC )	GROWTH			
	Alcaligenesdenitrificans (53957)	luxuriant			
	Alcaligenes faecalis (8750)	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>					
	It is recommended for cultivation and maintenance of Alcaligenes species				
<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>B462</b>	28.0 g/l	17.857 L	Self	Nil	121 <sup>0</sup> 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 BIOMARKLABORATORIES publications.

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Rev: December 2020