

**TECHNICAL SHEET**

<b>B670</b>	<b>PEPTONIZED MILK AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Peptonized milk		15.00				
Agar		12.00				
Final pH (at 25°C) : 6.5 ± 0.2						
<b>Directions :</b>						
Suspend 27 gms. in 1000ml. distilled water.Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes and pour into sterile petri plates.						
<b>Principle :</b>						
The medium contains only peptonized milk which provides nitrogenous compounds, carbohydrates and some other essential growth nutrients.						
<b>QC Tests - (I)Dehydrated Medium</b>						
Colour :		Yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II)Rehydrated medium</b>						
pH (post autoclaving/heating) :		6.5 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Slightly opalescent				
<b>(III)Q.C. Test Microbiological</b>						
Cultural characteristics observed after 18 - 48 hrs at 35 - 37°C.						
MICROORGANISM (ATCC )		GROWTH				
Lactococcus lactis (8000)		Luxuriant				
Lactobacillus casei (7469 )		Luxuriant				
Lactobacillus leichmanni (7830)		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 cultivation of lactic acid bacteria and examination of 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>B670</b>		27g/l	18.518L	6.5 ± 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 BIOMARKLABORATORIES publications.

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