

**TECHNICAL SHEET**

<b>B1031</b>	<b>FAGI AGAR</b>					
<b>Formula</b>						
<b>Ingredients:</b>			<b>gms/lit.</b>			
Peptic digest of animal tissue			3.00			
Magnesium sulphate			0.20			
Manganese sulphate			0.05			
Agar			20.00			
Final pH (at 25°C): 6.9± 0.2						
<b>Directions:</b>						
Suspend 23.25 grams in 1000ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.						
<b>Principle:</b>						
Peptic digest of animal tissue supplies nutrients and growth factors to the microorganisms.FAGI Agar has used in the detection of thermotolerant E.coli and antibiotic resistance study.						
<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) :		6.9± 0.2				
Colour (post autoclaving/heating):		Light Yellow				
Clarity (post autoclaving/heating):		Clear to slightly opalescent				
<b>(III)Q.C. Test Microbiological</b>						
Cultural characteristics observed after 18-48 hours at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Escherichia coli (25922)		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>		Itis usedfor detection of Escherichia coli in water samples.				
<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>B1031</b>	23.25g/l		21.50L	6.9 ± 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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