

B501	FAGI BROTH					
Formula						
Ingredients:		gms/lit.				
Peptic digest of animal tissue		3.00				
Magnesium sulphate		0.20				
Manganese sulphate		0.05				
Final pH (at 25°C): 6.9 ± 0.2						
Directions:						
Suspend 3.25 grams in 1000ml distilled water. Heat if necessary to dissolve the medium completely. Dispense in tubes or flasks as desired. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.						
Principle:						
Peptic digest of animal tissue supplies nutrients and growth factors to the microorganisms. FAGI broth has used in the detection of thermotolerant E. coli.						
QC Tests - (I) Dehydrated Medium						
Colour:		Cream to yellow				
Appearance:		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.9 ± 0.2				
Colour (post autoclaving/heating):		Light Yellow				
Clarity (post autoclaving/heating):		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18-48 hours at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Escherichia coli (25922)		luxuriant				
Precautions :		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Limitations :		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
Use:		It is used for detection of Escherichia coli in water samples.				
Storage:		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing:		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B501	3.25 g/l		153.84L	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 BIOMARK LABORATORIES publications.

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