

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B1030	EXTRACT AGAR (FDA AGAR)					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		10.00				
Meat extract B#		5.00				
Sodium chloride		5.00				
Agar		15.00				
# Equivalent to Beef extract						
Final pH (at 25°C) : 7.3± 0.2						
Directions :						
Suspend 35 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Beef extract and peptic digest of animal tissue provide the nutrients required for microbial growth. Sodium chloride maintains osmotic equilibrium.						
QC Tests – (I) Dehydrated Medium						
Colour :		Off white to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.3 ± 0.2				
Colour (post autoclaving/heating) :		Amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent gel forms in Petri plates.				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18-24 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Escherichia coli (25922)		good-luxuriant				
Staphylococcus aureus (25923)		good-luxuriant				
Salmonella Typhi (6539)		good-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 general cultivation of bacteria as well as routine testing of disinfectants and antiseptics				
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
B1030		35.0 g/l	14.28 L	7.3 ± 0.2	Nil	121°C for 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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