

TECHNICAL SHEET

B403	ANAEROBIC AGAR WITHOUT DEXTROSE OR EH INDICATOR				
Formula					
Ingredients :	gms/lit.				
Casein enzymic hydrolysate	20.00				
Sodium chloride	5.00				
Sodium thioglycollate	2.00				
Sodium formaldehyde sulphoxylate	1.00				
Agar	15.00				
Final pH (at 25°C) : 7.2 ± 0.2					
Directions :					
Suspend 43 gms. in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Anaerobic agar without dextrose and methylene blue is used for studies of haemolytic activity of Clostridia, Streptococci and other anaerobes. For isolation of cultivation of the highly fermentative butyric types, 1% dextrose may be added prior to sterilization.					
QC Tests - (I) Dehydrated Medium					
Colour :	Light beige				
Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium					
pH (post autoclaving/heating) :	7.2 ± 0.2				
Colour (post autoclaving/heating) :	Light amber				
Clarity (post autoclaving/heating) :	Clear to slightly opalescent				
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18 - 48 hrs. at 35-37°C when incubated anaerobically.					
MICROORGANISM (ATCC)	GROWTH				
Clostridium botyricum (9690)	Luxuriant				
Clostridium perfringens (12919)	Luxuriant				
Clostridium sporogenes (11437)	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 :					
For the isolation and identification of anaerobic pathogens and for the studies of haemolytic activity of Clostridia, Streptococci and other anaerobic organisms.					
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
B403	43.00 g/l	11.62 L	7.2 ± 0.2	Nil	121°C /15 min.

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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