

BIOMARK Laboratories-INDIA

www.biomarklabs.com

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 sulphonylate	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 :		Cream to yellow				
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 ⁰ 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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.