

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B607	MALT EXTRACT BROTH, MODIFIED				
Formula					
Ingredients :		gms/lit.			
Malt extract		6.00			
Yeast extract		1.20			
Maltose		1.80			
Dextrose		6.00			
Final pH (at 25°C) : 4.7 ± 0.2					
Directions :					
Suspend 15 gms. in 1000ml. distilled water. Heat boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. AVOID OVERHEATING.					
Principle :					
Malt extract and yeast extract provide essential growth nutrients for the growth of fungi. Maltose is the suitable carbohydrate for the growth of fungi. The low pH inhibits bacterial growth.					
QC Tests - (I) Dehydrated Medium					
	Colour :	Light to medium yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	4.7 ± 0.2			
	Colour (post autoclaving/heating) :	Light to medium yellow			
	Clarity (post autoclaving/heating) :	Very slightly opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 40 - 48 hours at 25 - 30°C.					
	MICROORGANISM (ATCC)	GROWTH			
	Aspergillusniger (16404)	Good -Luxuriant			
	Candida albicans (10231)	Good - Luxuriant			
	Saccharomyces cerevisiae (9763)	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 :	For isolation and cultivation of yeasts and moulds.				
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
B607	15g/l	33.333L	4.7 ± 0.2	glycerol	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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