

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B608	MALT EXTRACT AGAR					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		0.78				
Maltose		12.75				
Dextrin		2.75				
Agar		15.00				
Final pH (at 25°C) : 4.7 ± 0.2						
Directions :						
Suspend 31.28 gms. in 1000ml. distilled water. Add 2.35 gm. glycerol in medium. Heat boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. AVOID OVERHEATING.						
Principle :						
Peptic digest of animal tissue provide essential growth nutrients for the growth of fungi. Maltose and dextrin are the suitable carbohydrates for the growth of fungi. The low pH inhibits bacterial growth. Agar is the solidifying agent.						
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 molds.				
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
B608	31.28g/l		15.984L	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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