

TECHNICAL SHEET

B799	MY 40 AGAR				
Formula					
Ingredients : gms/lit.					
Malt extract	20.00				
Yeast extract	5.00				
Sucrose	400.00				
Agar	20.00				
Final pH (at 25°C) : Self					
Directions :					
Suspend 44.5 gms in 100 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes. DO NOT OVERHEAT.					
Principle :					
The medium contains malt extract and yeast extract which supply the nitrogenous nutrients, amino acids, vitamins, trace ingredients to the osmophilic yeasts. 40% sucrose in the medium satisfy the nutritional need of these yeasts. Agar is the solidifying agent.					
QC Tests – (I) Dehydrated Medium					
Colour :	Off white to light yellow				
Appearance :	Homogeneous Free Flowing powder				
(II) Rehydrated medium					
pH (post autoclaving/heating) :	Self				
Colour (post autoclaving/heating) :	Medium amber				
Clarity (post autoclaving/heating) :	Slightly opalescent				
(III) Q.C. Test Microbiological					
Cultural characteristics observed after upto 1 week at 30°C.					
MICROORGANISM (ATCC)	GROWTH				
Aspergillus niger (16404)	Good – luxuriant				
Mucor racemosus (22365)	Good – luxuriant				
Penicillium notatum (10108)	Good – luxuriant				
Saccharomyces rouxii	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 detection and isolation of osmophilic microorganisms from food samples.					
Storage :					
Dehydrated medium- below 30°C Prepared medium- Use freshly prepared medium.					
Packing :					
500 gm. bottle					
Product profile:					
	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B799	44.5g/l	11.235L	Self	NIL	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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