

TECHNICAL SHEET

B637	MODIFIED GORODKOWA AGAR					
Formula						
Ingredients:		gms/lit.				
Peptic digest of animal tissue		10.00				
Dextrose		1.00				
Sodium chloride		5.00				
Agar		20.00				
Final pH (at 25°C) : Self						
Directions :						
Suspend 36 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and pour in sterile Petri plates.						
Principle :						
Peptic digest of animal tissue which provides nitrogen and other nutrients necessary to support bacterial growth. Dextrose is the source of carbohydrate. Monopotassium phosphate buffers the media. Magnesium sulphate is a source of divalent cations. Sodium chloride is an essential ion and helps in maintaining the osmotic balance of the medium. Agar is the solidifying agent.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		Self				
Colour (post autoclaving/heating) :		Light yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent gel				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 25-30°C for 4-5 days						
MICROORGANISM (ATCC)		GROWTH				
Aspergillus brasiliensis (16404)		luxuriant				
Candida albicans (10231)		luxuriant				
Saccharomyces cerevisiae (9763)		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 :		It is recommended for promoting the sporulation of yeasts.				
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
B637	36.0 g/l	13.881 L	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 BIOMARK LABORATORIES publications.

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