

TECHNICAL SHEET

B1281	YPG AGAR				
Formula					
Ingredients :					
		gms/lit.			
Peptic digest of animal tissue		20.00			
Yeast extract		10.00			
Agar		20.00			
Final pH (at 25°C): Self					
Directions :					
Suspend 50.0 grams in 1000 ml distilled water containing 30 ml glycerol. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
The yeast extract allows faster growth so that during exponential or log-phase growth, the cells divide every 90 minutes. Peptic digest of animal tissue is as a source of carbon, nitrogen, vitamins and minerals.					
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 amber			
	Clarity (post autoclaving/heating) :	Clear to slightly opalescent gel			
(III) Q.C. Test Microbiological					
	Cultural characteristics observed after 48 - 72 hrs at 25-30 °C.				
	MICROORGANISM (ATCC)	GROWTH			
	Aspergillus brasiliensis (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 :	It is recommended for the growth of Saccharomyces cerevisiae for molecular biology purpose.				
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
B1281	50.0 g/l	10.00 L	Self	Glycerol	121°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 BIOMARK LABORATORIES publications.

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