

TECHNICAL SHEET

B1280	YPD BROTH (YEPD BROTH)					
Formula						
Ingredients:		gms/lit.				
Peptic digest of animal tissue	20.00					
Yeast extract	10.00					
Dextrose	20.00					
Final pH (at 25°C): 6.5 ± 0.2						
Directions :						
Suspend 50.0 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Peptic digest of animal tissue provides nitrogenous nutrients. Yeast extract provides nitrogenous nutrients as well as Vitamin B Complex. Dextrose provides the carbohydrate and energy source to support growth of <i>S. cerevisiae</i>						
QC Tests -						
(I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.5±0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		Clear solution in tubes				
(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 <i>Saccharomyces cerevisiae</i> 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
B1280	50.0 g/l	10.00 L	6.5±0.2	Nil	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 BIOMARKLABORATORIES publications.

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