

<b>B1008</b>	<b>DIAMALT AGAR</b>					
<b>Formula</b>						
<b>Ingredients:</b>		<b>gms/lit.</b>				
Diamalt		150.00				
Agar		20.00				
Final pH (at 25°C): Self						
<b>Directions:</b>						
Suspend 17 grams in 100 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. The medium will be turbid but filtration is not necessary. Mix well and pour into sterile Petri plates.						
<b>Principle:</b>						
Diamalt provides an acidic environment with necessary nutrients for growth and metabolism of yeasts. Standard procedures for isolation of fungal and yeast cells should be followed.						
<b>QC Tests - (I) Dehydrated Medium</b>						
Colour:		Cream to beige				
Appearance:		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating):		Self				
Colour (post autoclaving/heating):		Dark amber				
Clarity (post autoclaving/heating):		clear to slightly opalescent gel				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after incubation at 30°C for 24-48 hours.						
MICROORGANISM (ATCC)		GROWTH				
Candida albicans (10231)		luxuriant				
Candida lambica (2146)		luxuriant				
<b>Precautions :</b>		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use:</b>		It is used for isolation & identification of yeasts from water samples in accordance with APHA.				
<b>Storage:</b>		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing:</b>		500 gm bottle				
<b>Product profile:</b>		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B1008</b>		170.00g/l	2.94L	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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