

**TECHNICAL SHEET**

<b>B701</b>	<b>RICE EXTRACT AGAR</b>				
<b>Formula</b>					
<b>Ingredients :</b>					
		<b>gms/lit.</b>			
White rice extract		20.00			
Agar		20.00			
Final pH (at 25°C) : 7.1 ± 0.2					
<b>Directions :</b>					
Suspend 40 gms.in 1000ml. distilled water. Boil to dissolve the medium completely. Add 10 ml polysorbate 80. Dispense in flasks or tubes as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
<b>Principle :</b>					
The rice extract provides the sole source of nutrients in the medium. This lack of nutrients together with the oxygen – deficient culture conditions (covering the inoculum with a cover glass) creates a deficient environment that induces the formation of specific morphological forms (chlamydo spores and pseudomycelia in particular) in some yeasts. The addition of Polysorbate 80 further stimulates chlamydo spore formation due to its content of oleic acids. Agar is incorporated into the medium as a solidifying agent.					
<b>QC Tests – (I) Dehydrated Medium</b>					
	Colour :	Off white to cream			
	Appearance :	Homogeneous Free Flowing powder			
<b>(II) Rehydrated medium</b>					
	pH (post autoclaving/heating) :	7.1 ± 0.2			
	Colour (post autoclaving/heating) :	Cream to light yellow			
	Clarity (post autoclaving/heating) :	Clear to slightly opalescent			
<b>(III) Q.C. Test Microbiological</b>					
Cultural characteristics observed after 40 – 48 hrs.at 23 – 25°C.					
	MICROORGANISM (ATCC )	GROWTH	CHLAMYDOSPORES		
	Candida albicans (10231 )	Good - luxuriant	+		
	Candida tropicalis (1369 )	Good - 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>	For identification of Candida albicans by means of its chlamydo spore production.				
<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>B701</b>	40 g/l	12.5 L	7.1 ± 0.2	Polysorbate 80.	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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