

**TECHNICAL SHEET**

<b>B689</b>	<b>SIMULATED GRAPE JUICE MEDIUM</b>					
<b>Formula</b>						
<b>Ingredients :</b>				<b>gms/lit.</b>		
Glucose				160.00		
Tartaric acid				5.00		
Final pH (at 25°C) : 3.6 ± 0.2						
<b>Directions :</b>						
Suspend 165 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. Mix well and dispense as desired.						
<b>Principle :</b>						
This medium simulates grape juice. Suspend ascospores in Simulated Grape Juice Medium and heated to 85 to 95°C. After cooling, spores are diluted in water and plated on a suitable plating medium. The highly acidic pH of the medium prevents the growth of bacteria.						
<b>QC Tests – (I) Dehydrated Medium</b>						
Colour :		White to light yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		3.6 ± 0.2				
Colour (post autoclaving/heating) :		Colourless				
Clarity (post autoclaving/heating) :		clear solution without any precipitate				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after an incubation at 30°C for upto 1 week						
MICROORGANISM		GROWTH				
Byssochlamys fulva		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>		It is used for ascospore production by Byssochlamys and heat resistant moulds.				
<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>B689</b>		165.0 g/l	3.03 L	3.6 ± 0.2	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 BIOMARKLABORATORIES publications.

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