B689	**SIMULATED GRAPE JUICE MEDIUM**
Formula	
Ingredients :	**gms/lit.**
Glucose	160.00
Tartaric acid	5.00
Final pH (at 25°C) : 3.6 ± 0.2	
Directions :	
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.	
Principle :	
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.	
QC Tests – (I)Dehydrated Medium	
Colour :	White to light yellow
Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium	
pH (post autoclaving/heating) :	3.6 ± 0.2
Colour (post autoclaving/heating) :	Colourless
Clarity (post autoclaving/heating) :	clear solution without any precipitate
(III)Q.C. Test Microbiological	
Cultural characteristics observed after an incubation at 30°C for upto 1 week	

MICROORGANISM	GROWTH
Byssochlamys fulva	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 used for ascospore production by Byssochlamys and heat resistant moulds.
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
B689	165.0 g/l	3.03 L	3.6 ± 0.2	Nil	121°C/15 minutes.