

<b>B1157</b>	<b>C. T. AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Casein enzymic hydrolysate		20.00				
Magnesium sulphate. heptahydrate		2.00				
Potassium phosphate buffer (0.02M, pH 7.6) 0.725						
Agar		20.00				
Final pH (at 25°C) : 7.6± 0.2						
<b>Directions :</b>						
Suspend 41.71 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and pour into sterile Petri plates.						
<b>Principle :</b>						
Casein enzymic hydrolysate provides the nutrients required for growth of Myxobacteria. The phosphate buffer helps to maintain pH of the medium.						
<b>QC Tests - (I) Dehydrated Medium</b>						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		7.6± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Opalescent				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after 1-4 week at 30-35°C.						
MICROORGANISM (ATCC )		GROWTH				
Myxococcusfulvus (23093)		good				
Myxococcusxanthus (25232)		good				
<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 recommended for cultivation of Myxobacteria species.						
<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>B1157</b>		41.71 g/l	11.98L	7.6± 0.2	None	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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