

**BIOMARK Laboratories-INDIA**

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**TECHNICAL SHEET**

<b>B385</b>		<b>RAZI'S MEDIUM (SEMISOLID REINFORCED CLOSTRIDIAL MEDIUM W/ ASPARTATE)</b>			
<b>Formula</b>					
<b>Ingredients :</b>		<b>gms/lit.</b>			
Yeast extract		3.00			
Meat extract B#		10.00			
Peptic digest of animal tissue		10.00			
Starch, soluble		1.00			
Dextrose		5.00			
Cysteine hydrochloride		0.50			
Sodium chloride		5.00			
Sodium acetate		3.00			
Potassium aspartate		2.00			
Agar		0.50			
Final pH (at 25°C) : 6.8± 0.2					
<b>Directions :</b>					
Suspend 40 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Distribute half full in screw capped tubes and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
<b>Principle :</b>					
Meat extract B, peptic digest of animal tissue and potassium aspartate are sources of carbon and nitrogen. Dextrose is source of fermentable carbohydrates. Sodium chloride maintains osmotic equilibrium. Yeast extract provides nutritious factors required for growth of the culture.					
<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) :		6.8 ± 0.2			
Colour (post autoclaving/heating) :		Yellow			
Clarity (post autoclaving/heating) :		Clear solution			
<b>(III)Q.C. Test Microbiological</b>					
Cultural characteristics observed in aerobic/ microaerobic atmosphere after an incubation at 35-37°C for 18-48 hours.					
MICROORGANISM (ATCC )		GROWTH			
Campylobacter coli (33559)		luxuriant			
Campylobacter jejuni(29428)		luxuriant			
Campylobacter laridis(35222)		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 maintenance of Campylobacter cultures.			
<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
<b>B385</b>		40.00 g/l	12.5 L	6.8 ± 0.2	Nil
					121°C / 15 minutes

Refer disclaimer Overleaf

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