

**TECHNICAL SHEET**

<b>B961</b>	<b>CRAMP AGAR BASE</b>				
<b>Formula</b>					
<b>Ingredients :</b>		<b>gms/lit.</b>			
Casein acid hydrolysate	2.00				
Galactose		2.00			
Sodium chloride		2.90			
Morpholine propane sulfonic acid		8.40			
Ammonium chloride		0.50			
Sodium thiosulphate		0.60			
Dipotassium phosphate	0.24				
Magnesium sulphate		0.0986			
Tricine		1.80			
Congo red		0.005			
Agarose		14.00			
Final pH (at 25°C): 5.3 ± 0.2					
<b>Directions:</b>					
Suspend 32.54 gms in 1000 ml. distilled water. Heat if necessary to dissolve the medium completely. Distribute into tubes or flasks. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.					
<b>Principle :</b>					
Casein acid hydrolysate supplies nitrogenous nutrients. Morpholine propane sulfonic acid and tricine are the buffers in the medium. Galactose is the carbohydrate source in the medium. Congo red is the water soluble acid dye which is a pH indicator in the medium.					
<b>QC Tests – (I) Dehydrated Medium</b>					
Colour :	Pinkish beige				
Appearance :	Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>					
pH (post autoclaving/heating) :	5.3 ± 0.2				
Colour (post autoclaving/heating) :	Red				
Clarity (post autoclaving/heating) :	Slightly opalescent				
<b>(III) Q.C. Test Microbiological</b>					
Cultural characteristics observed after 24 -48 hrs. at 30-32°C.					
MICROORGANISM (ATCC )	GROWTH				
Yersinia enterocolitica (27729)	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 the cultivation of Yersinia species with plasmids.				
<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>B961</b>	32.54g/l	15.36L	5.3 ± 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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