TECHNICAL SHEET

B961	**CRAMP AGAR BASE**
Formula	
Ingredients :	**gms/lit.**
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	
Directions:	
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.	
Principle :	
Casein acid hydrolysate supplies nitrogenous nutrients. Morpholine propane sulfonic ancid 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.	

QC Tests – (I)Dehydrated Medium		
	Colour :	Pinkish beige
	Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium		
	pH (post autoclaving/heating) :	5.3 ± 0.2
	Colour (post autoclaving/heating) :	Red
	Clarity (post autoclaving/heating) :	Slightly opalescent
(III)Q.C. Test Microbiological		
	Cultural characteristics observed after 24 –48 hrs. at 30-32°C.	
	MICROORGANISM (ATCC)	GROWTH
	Yersinia enterocolitica (27729)	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 :	For the cultivation of Yersinia species with plasmids.
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
B961	32.54g/l	15.36L	5.3 ± 0.2	NIL	121^0C / 15 minutes

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