

TECHNICAL SHEET

B853	MOX AGAR					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate		15.00				
Papaic digest of soyabean meal		5.00				
Sodium chloride		5.00				
Magnesium chloride		4.067				
Sodium oxalate		2.68				
Agar		15.00				
Final pH (at 25°C) : 7.5 ± 0.2						
Directions :						
Suspend 46.75 gms. in 1000 ml. distilled water. Heat to boiling with stirring to dissolve the medium completely. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.						
Principle :						
Casein enzymic hydrolysate, Papaic digest of soyabean meal provide essential growth nutrients. Magnesium chloride and sodium oxalate enhances growth of Yersinia enterocolitica.						
QC Tests – (I)Dehydrated Medium						
Colour :		Yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		7.5 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 24-48 hrs. at 30°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 enterocolitica from food.				
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
B853		46.75g/l	10.695L	7.5 ± 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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