

B1556	MSE AGAR				
Formula					
Ingredients :			gms/lit.		
Tryptone			10.00		
Gelatin			2.50		
Yeast Extract			5.00		
Sucrose			100.00		
Glucose			5.00		
Sodium Citrate			1.00		
Sodium Azide			0.075		
Agar			13.00		
Final pH (at 25°C) : 6.9± 0.2					
Directions :					
Suspend 136.5g in 1000ml of cold distilled water. Heat to boiling, stirring constantly and autoclave at 110°C for 15 minutes.					
Principle :					
Tryptone, Yeast Extract provides nitrogenous compounds and other essential growth nutrients. Sucrose, Glucose acts as energy source. Leuconostoc spp synthesizes dextran from sucrose. Sodium Azide inhibits Gram-negative bacteria.					
QC Tests – (I) Dehydrated Medium					
	Colour :	Cream to light yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	6.9 ± 0.2			
	Colour (post autoclaving/heating) :	Light amber			
	Clarity (post autoclaving/heating) :	Clear to slight opalescent gel			
(III) Q.C. Test Microbiological					
Cultural characteristics observed daily for 4 days at 21°C.					
	MICROORGANISM (ATCC)	GROWTH	COLONY		
	Leuconostoc dextranicum	good-luxuriant	White or yellowish		
	Leuconostoc mesenteroides	good-luxuriant	White or yellowish		
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 :	It is used for the detection and enumeration of Leuconostoc in milk, dairy products and sweet foods.				
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
B1556	136.5 g/l	3.663 L	6.9 ± 0.2	NIL	110°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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