

B927	ANTIBIOTIC ASSAY MEDIUM L- AOAC					
Formula						
Ingredients:			gms/lit.			
Dipotassium hydrogen phosphate			0.69			
Monopotassium phosphate			0.45			
Yeast extract			2.50			
Dextrose, anhydrous			10.00			
Agar			15.00			
Final pH (at 25°C): 6.0 ± 0.2						
Directions:						
Suspend 28.64 grams in 1000 ml. distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle:						
The nutrients essential for growth of test organism is provided by yeast extract in this medium. Agar provides excellent solid substratum for support.						
QC Tests - (I) Dehydrated Medium						
Colour:			Cream to yellow			
Appearance:			Homogeneous Free Flowing powder			
(II) Rehydrated medium						
pH (post autoclaving/heating) :			6.0 ± 0.2			
Colour (post autoclaving/heating):			Light yellow			
Clarity (post autoclaving/heating):			Clear to slightly opalescent			
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 35-37°C for 16-18 hours.						
MICROORGANISM (ATCC)		GROWTH		ANTIBIOTICS ASSAYED		
Bacillus subtilis (6633)		luxuriant		Inhibition zones with Monensin		
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 recommended by AOAC for microbiological assay of Monensin using Bacillus subtilis ATCC 6633 as test organism.				
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
B927		28.64 g/l	17.46 L	6.0 ± 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 BIOMARK LABORATORIES publications.

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