

<b>BS018</b>	<b>ANTIBIOTIC ASSAY MEDIUM NO.35</b>				
<b>Formula</b>					
<b>Ingredients:</b>			<b>gms/lit.</b>		
Peptic digest of animal tissue			10.00		
Meat extract B #			10.00		
Sodium chloride			3.00		
Agar			17.00		
# Equivalent to Beef extract					
Final pH (at 25°C) :			7.0 ± 0.2		
<b>Directions :</b>					
Suspend 40 grams in 1000 ml distilled water containing 10 ml glycerol. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
<b>Principle :</b>					
Nutrients and growth factors are supplied by the ingredients like Peptic digest of animal tissues and Beef extract etc. Sodium chloride maintains the osmotic equilibrium.					
<b>QC Tests – (I) Dehydrated Medium</b>					
Colour :			Cream to light yellow		
Appearance :			Homogeneous Free Flowing powder		
<b>(II) Rehydrated medium</b>					
pH (post autoclaving/heating):			7.0 ± 0.2		
Colour (post autoclaving/heating) :			Light to medium amber		
Clarity (post autoclaving/heating) :			Clear to slightly opalescent		
<b>(III) Q.C. Test Microbiological</b>					
Cultural characteristics observed after an incubation at 36-37.5 for 18-48 hours					
MICROORGANISM (ATCC)		GROWTH		ANTIBIOTICS ASSAYED	
Mycobacterium smegmatis (607)		luxuriant		Bleomycin	
<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>		It is used for the microbiological assay of Bleomycin using Mycobacterium smegmatis as per USP/IP.			
<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>BS018</b>	40.0 g/l	12.50 L	7.0 ± 0.2	10 ml glycerol	121°C / 15 minutes

**Disclaimer:**

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