

<b>B391</b>	<b>ACETOBACTER AGAR WITH LIVER EXTRACT</b>				
<b>Formula</b>					
<b>Ingredients :</b>			<b>gms/lit.</b>		
Casein enzymic hydrolysate			5.00		
Liver extract			2.00		
Calcium carbonate			10.00		
Glucose			20.00		
Agar			20.00		
Final pH (at 25°C) : 7.4 ± 0.2					
<b>Directions :</b>					
Suspend 57 gms in 1000 ml. distilled water. Boil to dissolve the medium completely. Dispense in test tubes, taking care to distribute calcium carbonate evenly. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Shake the tubes, cool quickly and place them in a slanted position so as to keep the calcium carbonate in suspension.					
<b>Principle :</b>					
Acetobacter Agars are formulated as per Manual of Microbiological methods and used for the maintenance of Acetobacter species utilizing glucose, casein enzymic hydrolysate, liver extract provide essential growth requirements. Glucose acts as energy source.					
<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) :		7.4 ± 0.2			
Colour (post autoclaving/heating) :		Light amber			
Clarity (post autoclaving/heating) :		Clear to slightly opalescent			
<b>(III) Q.C. Test Microbiological</b>					
Cultural characteristics observed after 24-48 hrs. at 35-37°C.					
MICROORGANISM (ATCC )		GROWTH			
Acetobacter aceti (15973)		Luxuriant			
Acetobacter liquefaciens (14835)		Luxuriant			
<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>					
For maintenance of acetobacter species which are glucose positive.					
<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>B391</b>	57.00 g/l	8.77 L	7.4±0.2	None	121°C/15 min.