

**BIOMARK Laboratories-INDIA**

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**TECHNICAL SHEET**

<b>B906</b>	<b>APRY BROTH BASE</b>					
<b>Formula</b>						
<b>Ingredients :</b>			<b>gms/lit.</b>			
Casein enzymic hydrolysate			15.00			
Peptic digest of animal tissue			5.00			
Yeast extract			2.50			
Dextrose			30.00			
Fructose			20.00			
Chloramphenicol			0.050			
Polysorbate 80			10.00			
Final pH (at 25°C) : 6.0± 0.2						
<b>Directions :</b>						
Suspend 82.55 grams in 995 ml purified / distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C and aseptically add rehydrated content of I vial of Chlortetracycline Selective Supplement (BF027). Mix well and dispense in sterile tubes or flasks.						
<b>Principle :</b>						
The medium contains casein enzymic hydrolysate, peptic digest of animal tissue which provide nitrogenous, carbonaceous compounds, vitamin B complex and other growth supporting ingredients. Dextrose and Fructose act as energy sources. Polysorbate 80 acts as source of fatty acids and combination of chloramphenicol and chlortetracycline helps in inhibiting bacterial flora.						
<b>QC Tests – (I)Dehydrated Medium</b>						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II)Rehydrated medium</b>						
pH (post autoclaving/heating) :		6.0± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		Clear solution in tubes				
<b>(III)Q.C. Test Microbiological</b>						
Cultural characteristics observed after addition of chlortetracycline selective supplement (BF027) after incubation of 72 hrs at 30 °C.						
MICROORGANISM (ATCC)		GROWTH				
Zygosaccharomyces rouxii (34890)		Good – luxuriant				
Zygosaccharomyces bailli (DSM 70492)		Good – 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 detection and cultivation of acid resistant yeasts, Zygosaccharomyces rouxii and Zygosaccharomyces bailli in salads, sausages and dressings.				
<b>Storage :</b>		Dehydrated medium between 15-25°C and 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>B906</b>		82.55 g/l	6.05 L	6.0 ± 0.2	chlortetracycline	121°C /15 min.

**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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