

B905	APRY AGAR BASE				
Formula					
Ingredients :					
	gms/lit.				
Casein enzymic hydrolysate	10.00				
Peptic digest of animal tissue	5.00				
Yeast extract	2.50				
Dextrose	20.00				
Sodium chloride	25.00				
Fructose	30.00				
Agar	15.00				
Final pH (at 25°C) :	Self				
Directions :					
Suspend 107.50 gms in 1000ml. Boil 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 5 ml. of concentrated Acetic acid and 1 ml.of Potassium sorbate 10% (BF109). Mix well and pour into sterile petriplates.					
Principle :					
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. Addition of acetic acid and potassium sorbate allow growth of acid-resistant yeasts.					
QC Tests - (I)Dehydrated Medium					
Colour :	Cream to yellow				
Appearance :	Homogeneous Free Flowing powder				
(II)Rehydrated medium					
pH (post autoclaving/heating) :					
Colour (post autoclaving/heating) :	Light Yellow				
Clarity (post autoclaving/heating) :	Clear to slightly opalescent gel in petriplates				
(III)Q.C. Test Microbiological					
Cultural characteristics observed after addition of acetic acid and potassium sorbate after incubation of 72 hrs at 30 °C.					
MICROORGANISM (ATCC)	GROWTH				
Zygosaccharomyces rouxii (34890)	Good - luxuriant				
Zygosaccharomyces bailli (DSM 70492)	Good - luxuriant				
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 :					
For detection and cultivation of acid resistant yeasts, Zygosaccharomyces rouxii and Zygosaccharomyces bailli in salads, sausages and dressings.					
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	
B905	107.50 g/l	4.65 L	Self	Acetic acid, Pot.sorbate,	121°C /15 min.