

B1256	SABOURAUD DEXTROSE BROTH (SABOURAUD LIQUID MEDIUM)					
Formula						
Ingredients :		gms/lit.				
Peptone, special		10.00				
Dextrose (Glucose)		20.00				
Final pH (at 25°C) :		5.6 ± 0.2				
Directions :						
Suspend 30.0 grams in 1000 ml distilled water. Heat if necessary, to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and dispense as desired.						
Principle :						
Sabouraud Dextrose Broth contains Peptone special or Mycological peptone contains which provide the carbon and nitrogen required for growth of a wide variety of organisms. Dextrose acts as a source of carbohydrates.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		5.6 ± 0.2				
Colour (post autoclaving/heating) :		Light amber to light yellow				
Clarity (post autoclaving/heating) :		Clear solution in tubes				
(III) Q.C. Test Microbiological						
Cultural characteristics was observed after an incubation at 20-25°C for 3-5 days.						
MICROORGANISM (ATCC)		GROWTH				
Aspergillus niger (16404)		Luxuriant				
Candida albicans (10231)		Luxuriant				
Candida albicans (2091)		Luxuriant				
Saccharomyces cerevisiae (2601)		Good -luxuriant				
Saccharomyces cerevisiae (9763)		Luxuriant				
Escherichia coli (8739)		Luxuriant (inhibited on media with low pH)				
Escherichia coli (25922)		Good -luxuriant				
Escherichia coli (NCTC 9002)		Luxuriant (inhibited on media with low pH)				
Lactobacillus casei (334)		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. 2. Since it is a general purpose medium, bacterial cultures will also grow . 3. Further isolation and biochemical tests should be carried out for confirmation. 4. Avoid overheating a medium with an acidic pH because this often causes a soft medium.				
Use :		For cultivation of yeasts, molds and aciduric organisms.				
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
B1256	30g/l	16.666L	5.6 ± 0.2	NIL	121°C / 15 minutes	