

TECHNICAL SHEET

B836	FUNGAL BROTH WITH LOW PH					
Formula						
Ingredients :		gms/lit.				
Pepaic digest of soyabean meal		10.00				
Dextrose		40.00				
Final pH (at 25°C) :		4.8 ± 0.2				
Directions :						
Suspend 50 gms in 1000ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes						
Principle :						
Pepaic digest of soyabean meal acts as a source of nitrogen. Dextrose is the source of carbohydrates. Fungal Broth with low pH is selective for the fungi to some extent and is more suitable for culturing the saprophytic species of yeasts and moulds and aciduric bacteria.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		4.8 ± 0.2				
Colour (post autoclaving/heating) :		Cream to light amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 48- 72 hrs. at 25-30°C.						
MICROORGANISM (ATCC)		FUNGAL BROTH WITH LOW pH				
Aspergillus niger (16404)		Luxuriant				
Candida albicans (10231)		Luxuriant				
Lactobacillus acidophilus (11506)		Luxuriant				
Staphylococcus aureus (25923)		Inhibited				
Saccharomyces cerevisiae (9763)		Luxuriant				
Saccharomyces uvarum (9080)		Luxuriant				
Trichophyton mentagrophytes (9533)		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 :		B836: For selective enumeration and cultivation of saprophytic fungi and aciduric bacteria.				
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
B836		50g/l	10L	4.8 ± 0.2	NIL	121°C / 15 minutes

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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