B095	**M-YEAST AND MOLD BROTH**
Formula	
Ingredients :	**gms/lit.**
Biopeptone	10.00
Yeast extract	9.00
Cerelose	50.00
Magnesium sulphate	2.10
Potassium phosphate	2.00
Diastase	0.05
Thiamine	0.05
Final pH (at 25°C) : 4.6 ± 0.2	

Directions :

Suspend 7.32 gms in 100ml distilled water. Mix thoroughly. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes.

Principle :

Cerelose; a refined dextrose is an esily fermentable carbohydrate by the moulds, is included in the medium alongwith the amylolytic enzyme diastase. Biopeptone and yeast extract provide sufficient nitrogenous nutrients for the growth of the moulds. Thiamine (citamin B_1) functions in intermediate carbohydrate metabolism in coenzyme form. Magnesium and potassium sulphates supply the ions for the fungal growth. The acidic pH of the medium favours the growth of moulds, yeasts and aciduric microorganisms.

QC Tests – (I)Dehydrated Medium		
	Colour :	Cream to yellow
	Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium		
	pH (post autoclaving/heating) :	4.6 ± 0.2
	Colour (post autoclaving/heating) :	Light yellow
	Clarity (post autoclaving/heating) :	Clear
(III)Q.C. Test Microbiological		
	Cultural characteristics observed after 48-72 hrs. at 30°C.	
	MICROORGANISM (ATCC)	GROWTH
	Aspergillus niger (16404)	Luxuriant
	Candida albicans (10231)	Luxuriant
	Saccharomyces cerevisiae (9763)	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 counting yeasts and moulds in samples by membrane filter method.
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
B095	73.2 g/l	6.830 L	4.6 ± 0.2	nil	121^{0}C / 15 minutes

Refer disclaimer Overleaf

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 BIOMARKLABORATORIES publications.
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