

BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

B250		MALT EXTRACT BROTH BASE				
Formula						
Ingredients :		gms/lit.				
Malt extract		17.00				
Mycological peptone		3.00				
Final pH (at 25°C) : 5.4 ± 0.2						
Directions :						
Suspend 20 grams in 1000 ml distilled water and soak for 15 minutes. Heat if necessary, to dissolve the medium completely. Sterilize by autoclaving at 10 lbs pressure (115°C) for 10 minutes. Mix well before dispensing. Avoid overheating. If desired, to adjust acidic pH use 10% Lactic Acid (BF079).						
Principle :						
Malt extract solids provide an acidic environment and nutrients required for metabolism by yeasts and molds. Mycological peptone rapidly gives a luxuriant growth with typical morphology and pigmentation. The Acidic pH of Malt Extract Broth allow for the optimal growth of molds and yeasts while restricting bacterial growth.						
QC Tests – (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		5.4 ± 0.2				
Colour (post autoclaving/heating) :		Very light to light brown				
Clarity (post autoclaving/heating) :		Clear solution				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 48 -72 hours at 25 - 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Aspergillusniger (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 detection, isolation and enumeration of yeasts and molds.				
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
B250		20g/l	10L	5.4 ± 0.2	NIL	115°C / 10minutes

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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

Rev: December 2020