

BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

B1197	LACTOSE MEDIUM W/ SOYA LECITHIN AND POLYSORBATE 20 (TWIN PACK)	
Formula		
Ingredients :	gms/lit.	
Part A-		
Meat extract B#	3.00	
Gelatin peptone	5.00	
Lactose	5.00	
Soya lecithin	5.00	
Part B -		
Polysorbate 20	40.00	
#- Equivalent to Beef extract		
Final pH (at 25°C) : 6.9± 0.2		
Directions :		
Suspend 18.0 grams of Part A in 960 ml purified / distilled water. Heat if necessary to dissolve the medium completely. Add 40 ml of Part B. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and dispense as desired.		
Principle :		
Meat extract Band gelatin peptone provide nitrogen and carbon compounds, long chain amino acids and other essential nutrients for bacterial metabolism. Lactose is the source of fermentable carbohydrate. Soya lecithin neutralizes the quaternary ammonium compounds while polysorbate 20 neutralizes phenolic disinfectants; hexachlorophene and formalin.		
Type of specimen : Oral hygiene product samples.		
Specimen Collection and Handling:		
For the samples follow appropriate techniques for handling specimens as per established and current guidelines of clinical microbiology.		
After use, contaminated materials must be sterilized by autoclaving before discarding.		
QC Tests - (I) Dehydrated Medium		
Colour :	Part A : Cream to yellow Part B : Colourless	
Appearance :	Part A: Homogeneous Free Flowing powder Part B : Viscous liquid	
(II) Rehydrated medium		
pH (post autoclaving/heating) :	6.9 ± 0.2	
Colour (post autoclaving/heating) :	Yellow	
Clarity (post autoclaving/heating) :	Clear to slightly opalescent solution	
(III) Q.C. Test Microbiological		
Cultural characteristics observed after an incubation at 35-37°C for 18-48 hours.		
MICROORGANISM (ATCC)	GROWTH	
Candida albicans(26790)	Luxuriant	
Enterococcus faecalis(29212)	Luxuriant	
Escherichia coli (25922)	Luxuriant	
Pseudomonas aeruginosa(27853)	Luxuriant	
Staphylococcus aureus (25923)	Luxuriant	
Warning & Precautions :	1. For In vitro diagnostic Use. By professionals only.	
	2. Read the label carefully before opening the container. Wear PPE wares. Follow established good microbiology laboratory practices while handling specimens and cultures and take standard precautions for handling clinical specimens.	
	3. For safety guidelines refer individual safety data sheet.	

BIOMARK Laboratories-INDIAwww.biomarklabs.com**TECHNICAL SHEET**

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 :	It is recommended for microbial evaluation of oral hygiene products.				
Storage :	Dehydrated medium and prepared medium – Between 15 to 30°C.				
Disposal:	Ensure safe disposal by autoclaving/or incineration of used or usable preparation of this product. Follow established laboratory procedures while disposing all infectious material and those coming in contact must be decontaminated and disposed off with existing laboratory technics.				
Packing :	500 gm. bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1197	18.0 g/l(PartA)	27.77lit	6.9 ± 0.2	Nil	121 ⁰ C/15 min

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.