

TECHNICAL SHEET

B1176	FLUID LACTOSE MEDIUM W/ SOYA LECITHIN AND POLYSORBATE 20 (TWIN PACK)					
Formula						
Ingredients :		gms/lit.				
Part A-						
Beef extract		3.00				
Pancreatic digest of gelatin		5.00				
Lactose		5.00				
Soya lecithin		5.00				
Part B -						
Polysorbate 20		40.00				
Final pH (at 25°C) : 6.9 ± 0.2						
Directions :						
Suspend 18.0 grams of Part A in 960 ml 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. Mix well and dispense as desired.						
Principle :						
Beef extract and pancreatic digest of gelatin provide 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.						
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 18 -48 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Candida albicans (26790)		luxuriant				
Enterococcus faecalis (29212)		luxuriant				
Escherichia coli (25922)		luxuriant				
Pseudomonas aeruginosa (27853)		luxuriant				
Staphylococcus aureus (25923)		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 :		It is recommended for microbial evaluation of oral hygiene products.				
Storage :		Dehydrated medium and prepared medium- Between 2 to 8°C.				
Packing :		500 gm bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1176	18.0 g/l of Part A		27.777 L	6.9 ± 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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