

**BIOMARK Laboratories-INDIA**

[www.biomarklabs.com](http://www.biomarklabs.com)

**TECHNICAL SHEET**

<b>B884</b>	<b>LACTIC PHAGE AGAR</b>				
<b>Formula</b>					
<b>Ingredients :</b>		<b>gms/lit.</b>			
Casein enzymichydrolysates		10.00			
Beef extract		5.00			
Yeast extract		5.00			
Lactose		10.00			
Di-potassium phosphate		5.00			
Agar		15.00			
Final pH (at 25°C) : 7.2 ± 0.2					
<b>Directions :</b>					
Suspend 50.00 gms in 1000ml. distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbspressure (121°C) for 15 minutes.					
<b>Principle :</b>					
Casein enzyme hydrolysates, beef and yeast extract supply all the necessary nutrients for the growth of lactic bacteria. Lactose is the fermentable carbohydrate in the medium.					
<b>QC Tests - (I)Dehydrated Medium</b>					
Colour :		Yellowish			
Appearance :		Homogeneous Free Flowing powder			
<b>(II)Rehydrated medium</b>					
pH (post autoclaving/heating) :		7.2 ± 0.2			
Colour (post autoclaving/heating) :		Yellowish			
Clarity (post autoclaving/heating) :		Clear to slightly opalescent			
<b>(III)Q.C. Test Microbiological</b>					
Cultural characteristics observed after 18 -48 hrs.at 35-37°C.					
MICROORGANISM (ATCC )		GROWTH			
Lactobacillus lactisspp.cremoris(19257)		Luxuriant			
Enterococcus faecalis (11700 )		Luxuriant			
Staphylococcus aureus (25923)		Luxuriant			
<b>Precautions :</b>					
1. For Laboratory Use.					
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.					
<b>Limitations :</b>					
1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.					
<b>Use :</b>					
For enumeration of bacteriophages active against starter cultures used in cheese manufacturing.					
<b>Storage :</b>					
Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.					
<b>Packing :</b>					
500 gm bottle					
<b>Product profile:</b>					
	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B884</b>	50 g/l	10 lit	7.2 ± 0.2	Nil	121 <sup>0</sup> 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.

Rev: December 2020

**BIOMARK Laboratories-INDIA**  
[www.biomarklabs.com](http://www.biomarklabs.com)  
**TECHNICAL SHEET**