

**BIOMARK Laboratories-INDIA**  
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**TECHNICAL SHEET**

<b>B885</b>	<b>LURIA AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>			<b>gms/lit.</b>			
Casein enzymichydrolysate			10.00			
Yeast extract			5.00			
Sodium chloride			5.00			
Agar			15.00			
Final pH (at 25°C) :			7.0 ± 0.2			
<b>Directions :</b>						
Suspend 35 gms. in 1000ml. distilled water. Heat to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121° C) for 15 minutes. Dispense as desired.						
<b>Principle :</b>						
Peptides and peptones are provided by Casein enzymichydrolysate. Vitamins (including B vitamins) and certain trace elements are provided by Yeast Extract. Sodium ions for transport and osmotic balance are provided by Sodium Chloride. Agar is the solidifying agent.						
<b>QC Tests – (I) Dehydrated Medium</b>						
Colour :		Cream to light yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		7.0 ± 0.2				
Colour (post autoclaving/heating) :		Yellow to amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after 18 - 24 hours at 35-37°C.						
MICROORGANISM (ATCC )		GROWTH				
Escherichia coli (25922)		Luxuriant				
Escherichia coli (23724)		Luxuriant				
Escherichia coli DH5 alpha MTCC 1652		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>		<b>B885:</b> For routine cultivation and estimation of not particularly fastidious microorganisms.				
<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>B885</b>		35 g/l	14.28lit	7.0 ± 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 BIOMARK LABORATORIES 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.

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