

**TECHNICAL SHEET**

<b>B909</b>	<b>ASLA AGAR BASE</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Ammonium sulphate		3.00				
Disodium phosphate		1.20				
Monopotassium phosphate		1.20				
Manganese sulphate		0.05				
Magnesium sulphate		0.20				
Ferric sulphate		0.04				
L-cysteine hydrochloride		0.50				
Agar		10.00				
Final pH (at 25°C) : 6.5 ± 0.2						
<b>Directions :</b>						
Suspend 16.2 gms. in 1000ml. distilled water .Heat to boiling to dissolve the medium completely. Add 20 gms. of Sodium lactate. Mix well and sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes. Cool to 45°C and aseptically add sterile Vitamin Supplement. Mix thoroughly and pour into sterile petri plates or tubes.						
<b>Principle :</b>						
The media designed for the Propionibacteria have been based on their ability to metabolize lactic acid under anaerobic conditions. Ammonium sulphate in the medium acts as nitrogen source and sodium lactate as carbon source.						
<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) :		6.5 ± 0.2				
Colour (post autoclaving/heating) :		Cream to light yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
<b>(III)Q.C. Test Microbiological</b>						
Cultural characteristics observed at 30- 32°C under anaerobic or microaerophilic conditions for 11 - 14 days.						
MICROORGANISM (ATCC )		GROWTH				
Propionibacterium acidipropionici		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 selective isolation and cultivation of Propionibacterium species from foods.				
<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>B909</b>		16.20 g/l	30.86 L	6.5 ± 0.2	Vitamin supplement	121°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.

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