

**TECHNICAL SHEET**

<b>B1258</b>	<b>SEMISOLID LIVER MEAT MEDIUM</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Glucose		2.00				
Liver meat base		30.00				
Agar		6.00				
Final pH (at 25°C) : 7.6 ± 0.2						
<b>Directions :</b>						
Suspend 38 grams in 1000 ml distilled water. Soak for 15 minutes with occasional stirring. Heat to boiling. Dispense in tubes. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
<b>Principle :</b>						
The medium contains liver meat, which provides amino acids and other nutrients and reducing substances for the growth of fastidious anaerobes. Semisolid nature of the medium favours growth of anaerobic microorganisms. Glucose is the source of fermentable carbohydrates.						
<b>QC Tests - (I) Dehydrated Medium</b>						
	Colour :	Light yellow to brown				
	Appearance :	Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
	PH (post autoclaving/heating) :	7.6 ± 0.2				
	Colour (post autoclaving/heating) :	Medium amber				
	Clarity (post autoclaving/heating) :	clear to slightly opalescent gel in tubes				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after an incubation at 35-37°C for 24-48 hours.						
	MICROORGANISM(ATCC)	GROWTH				
	Clostridium perfringens (12924)	luxuriant				
	Clostridium sporogenes (11437)	luxuriant				
	Clostridium tetani (10779)	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>		It is used for cultivation of fastidious anaerobes.				
<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>B1258</b>		38.0 g/l	13.157 L	7.6 ± 0.2	NIL	121°C / 15 minutes

**Disclaimer:**

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