

**TECHNICAL SHEET**

<b>B323</b>	<b>STERILITY TESTING MEDIUM-B</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Meat extract		5.00				
Peptic digest of animal tissue		15.00				
Sodium chloride		5.00				
Sodium thioglycolate		0.50				
Resazurin		0.001				
Agar		0.50				
Final pH (at 25°C) :		7.1 ± 0.2				
<b>Directions :</b>						
Suspend 26 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
<b>Principle :</b>						
The medium contains peptic digest of animal tissue and meat extract which provides carbonaceous, nitrogenous compounds and essential growth nutrients for the growth of organisms. Sodium chloride maintains the osmotic balance. Sodium thioglycollate acts as a reducing agent and maintains a low oxygen tension in the medium. Resazurin acts as an pH indicator.						
<b>QC Tests – (I) Dehydrated Medium</b>						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II) Rehydrated medium</b>						
pH (post autoclaving/heating) :		7.1 ± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		clear to slightly opalescent solution with upper 10% or less medium pink on standing.				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after an incubation at 35-37°C for 18-48 hours, under anaerobic conditions.						
MICROORGANISM (ATCC )		GROWTH				
Bacteroides fragilis (25285)		Luxuriant				
Clostridium sporogenes (11437)		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 checking presence of anaerobic microorganisms in pharmacopoeial articles.				
<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>B323</b>		26 g/l	19.23 L	7.1 ± 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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