

**TECHNICAL SHEET**

<b>B336</b>	<b>TOMATO JUICE AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Tomato juice (400ml)		20.00				
Casein enzymic hydrolysate		10.00				
Peptonized milk		10.00				
Agar		11.00				
Final pH (at 25°C) :		6.1 ± 0.2				
<b>Directions :</b>						
Suspend 51.0 grams in 1000 ml purified / distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri plates.						
<b>Principle :</b>						
Tomato Juice is a source of carbon, protein and nutrients. Casein enzymic hydrolysate and Peptic digest of animal tissue provide source of nitrogen, amino acids and carbon. Peptonized milk contains lactose as an energy source. Agar is a solidifying agent.						
<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) :		6.1 ± 0.2				
Colour (post autoclaving/heating) :		Light to medium amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
<b>(III) Q.C. Test Microbiological</b>						
Cultural characteristics observed after 40 – 48 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Lactobacillus casei (9595)		Luxuriant				
Lactobacillus leichmanni (4797)		Luxuriant				
Staphylococcus aureus (25923)		Luxuriant				
Lactobacillus acidophilus (4356)		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>		Recommended for cultivation and enumeration of Lactobacilli.				
<b>Storage :</b>		Dehydrated medium- Below 30°C and 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>B336</b>	51.00g/l	9.7407L	6.1 ± 0.2	NIL	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 BIOMARK LABORATORIES publications.

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