

TECHNICAL SHEET

B691	POTATO CARROT AGAR					
Formula						
Ingredients :		gms/lit.				
Potatoes infusion from		250.00				
Carrot Infusions from		200.00				
Agar		15.00				
Final pH (at 25°C) :		5.6 ± 0.2				
Directions :						
Suspend 24 gms.in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well before dispensing.						
Principle :						
Potato infusion and carrot promote luxuriant fungal growth. Heating the medium after acidification should be avoided as it may hydrolyse the agar which can render the agar unable to solidify.						
QC Tests - (I)Dehydrated Medium						
Colour :		Cream to light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		5.6 ± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 4 – 5 days at 22 - 25°C.						
MICROORGANISM (ATCC)		GROWTH				
Aspergillus niger (16404)		Luxuriant				
Candida albicans (10231)		Luxuriant				
Pyronema domseticum		Luxuriant				
Precautions :		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
Limitations :		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium. 2. Heating Potato Carrot Agar after acidifying hydrolyzes the agar and may destroy the solidifying properties. 3. Potato Carrot Agar is not a differential medium. Perform microscopic examination and biochemical tests to identify isolates to genus and species if necessary.				
Use :		For isolation and enumeration of yeasts and molds from dairy and other food products.				
Storage :		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :		500 gm. bottle				
Product profile:		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B691	24g/l	20.8333L	5.6 ± 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 BIOMARKLABORATORIES publications.

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