BIOMARK Laboratories-INDIA www.biomarklabs.com **TECHNICAL SHEET**

B745	STARCH AGAI	ર				
Formula						
Ingredients : gms/lit.						
Peptic digest of an	imal tissue	5.00				
Sodium chloride		5.00				
Yeast extract		1.50				
Meat Extract B #		1.50				
Starch, soluble	2.0	00				
Agar	15	.00				
# Equivalent to Beef Extract						
Final pH (at 25°C) : 7.4 <u>+</u> 0.2						
Directions :						
Suspend 30 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. Mix well and pour into sterile Petri plates.						
Principle :						
Peptic digest of animal tissue, yeast extract and meat extract B provide nitrogenous compounds, carbon,						
sulphur, trace elements etc. to the microorganisms. Sodium chloride maintains osmotic equilibrium.Flood						
the surface of 48 hours old culture on Starch Agar with Grams Iodine (BA087). Starch hydrolysis is seen						
as a colourless zone surrounding the colonies. A blue or purple zone indicates that starch is not						
hydrolyzed.						
QC Tests - (1)Deny						
Colour :			Cream to yellow			
Appearance :			nomogeneous rree riowing powaer			
(II)Rehydrated medium						
pH (post autoclaving/neating) :			7.4 ± 0.2			
Colour (post autoclaving/neating) :			Light to medium amber			
(III) C Test Misrobiological						
(111)Q.C. rest microbiological						
Lading solution)						
			\\//ТЦ			
Bacillus subtilis (6633)			riant	positive reaction, clearing around the colony		
Eccharichia coli (25022)		iriant				
Stanbylococcus aureus (25923)		iriant	negative reaction			
Streptococcus pyogenes (19615)		5) Luxu	iriant	negative reaction		
Precautions '	1 For Laboratory Use					
2 Follow proper established laboratory procedures in handling and disposing of						
	infectious materials					
l imitations ·	1 Since the nutritional requirements of organisms vary some strains may be					
encountered that fail to grow or grow poorly on this medium						is may be
llse :	For detection of starch hydrolyzing microorganisms					
Storage :	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.					
Packing : 500 am, bottle						
Product profile: Reconstitution Ouantity on			1	pH (25°C)	Supplement	Sterilization
		Preparation	(500a)		Supplement	otor mzation
B745	30g/l	16.66	56L	7.4 ± 0.2	NIL	121ºC / 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. The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

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Rev : DEC.2020