

BW745	STARCH AGAR					
Formula						
Ingredients :		gms/lit.				
Meat Extract		3.00				
Peptic digest of animal tissue		5.00				
Starch, soluble		2.00				
Agar		15.00				
Final pH (at 25°C) : 7.2 ± 0.2						
Directions :						
Suspend 25 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 10 minutes. Mix well and pour in sterile Petri plates.						
Principle :						
Peptic digest of animal tissue and meat extract provide nitrogenous compounds, carbon, sulphur, trace elements etc. to the microorganisms						
QC Tests – (I) Dehydrated Medium						
Colour :		Yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.2 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 - 48 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH	STARCH HYDROLYSIS ON ADDITION OF IODINE SOLUTION			
Bacillus cereus (10876)		Luxuriant	Positive reaction, clearing around the colony			
Bacillus subtilis (6633)		Luxuriant	Positive reaction, clearing around the colony			
Escherichia coli (25922)		Luxuriant	Negative reaction , no clearing			
Staphylococcus aureus (25923)		Luxuriant	Negative reaction , no clearing			
Streptococcus pyogenes (19615)		Luxuriant	Negative reaction , no clearing			
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.				
Use :		It is used for detection of starch hydrolysing microorganisms.				
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
BW745		25 g/l	20.0L	7.2 ± 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.

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.