

B521		OAK WILT FUNGUS AGAR				
Formula						
Ingredients :		gms/lit.				
Malt extract		17.00				
Mycological peptone		3.00				
Oxgall		15.00				
Agar		15.00				
Final pH (at 25°C) : 5.7 ± 0.2						
Directions :						
Suspend 50 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°) for 15 minutes.						
Principle :						
Malt extract provides an acidic environment and nutrients required for metabolism of the fungus. Mycological peptone assists luxuriant growth of the fungus with typical morphology and pigmentation. Oxgall restricts spreading of fungal colonies. The acidic pH of the medium favours the growth of fungus.						
QC Tests - (I)Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		5.7 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 48 - 72 hrs at 25 - 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Aspergillus brasiliensis (16404)		good-luxuriant				
Saccharomyces cerevisiae (9763)		good-luxuriant				
Ceratocystis fagacearum		good-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.				
Use :		It is used for cultivation of Oak Wilt fungus.				
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
B521		50.0 g/l	10.0 L	5.7 ± 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. 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.