

B522	NUTRITIVE CASEINATE AGAR					
Formula						
Ingredients :		gms/lit.				
Isoelectric casein		3.00				
Peptonized milk		7.00				
Bromo cresol purple		0.04				
Dextrose		1.00				
Agar		12.00				
Final pH (at 25°C) :		6.5 ± 0.2				
Directions :						
Suspend 23.04 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 :						
Isoelectric casein and peptonized milk provide essential growth nutrients for bacterial metabolism. Dextrose upon utilization produces acid and is indicated by the pH indicator bromocresol purple, which turns yellow.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.5 ± 0.2				
Colour (post autoclaving/heating) :		Reddish purple				
Clarity (post autoclaving/heating) :		slightly opalescent gel				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after an incubation at 32-35°C for 48-72 hours.						
MICROORGANISM (ATCC)		GROWTH				
Enterococcus faecalis (29212)		luxuriant				
Pediococcus cerevisiae(10791)		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 enumeration of salt tolerant cocci in brined vegetables.				
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
B522		23.04 g/l	21.70 L	6.5 ± 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.