

TECHNICAL SHEET

B1072	INOSITOL GELATIN MEDIUM					
Formula						
Ingredients :		gms/lit.				
Gelatin		120.00				
Yeast extract		5.00				
Disodium hydrogen phosphate		5.00				
Inositol		10.00				
Phenol red		0.05				
Final pH (at 25°C) : 7.4 ± 0.2						
Directions :						
Suspend 140 gms in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Dispense in tubes and sterilize by autoclaving at 10 lbs pressure (115°C) for 15 minutes.						
Principle :						
Plesiomonasshigelloides utilizes inositol for metabolic activity and products only acid. Gelatin acts as solidifying agent or gelation factor of the medium. Phenol red acts as pH indicator, which changes the colour from yellow to red -orange in acidic condition.						
QC Tests – (I)Dehydrated Medium						
Colour :		Pink				
Appearance :		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		7.4 ± 0.2				
Colour (post autoclaving/heating) :		Red				
Clarity (post autoclaving/heating) :		Clear				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 18 –24 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH				
Plesiomonasshigelloides (14029)		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 :						
For the cultivation of Plesimonasshigelloides from foods as per APHA.						
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
B1072		140.0 g/l	3.57 L	7.4± 0.2	Nil	121°C/15 min.

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.