

TECHNICAL SHEET

B739	STANDARD NUTRIENT BROTH (H.S.VACCINE MEDIUM)					
Formula						
Ingredients:		gms/lit.				
Peptone		10.00				
Peptic digest of lean meat infusion		10.00				
Sodium chloride		5.00				
Final pH (at 25°C):		7.6 ± 0.2				
Directions :						
Suspend 25 gms in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Peptone is the principal source of organic nitrogen while Peptic digest of lean meat infusion provides carbohydrates, vitamins, organic nitrogen compounds and salts. Sodium chloride maintains osmolality of the medium.						
QC Tests –(I)Dehydrated Medium						
Colour:		Cream to light yellow				
Appearance:		Homogeneous Free Flowing powder				
(II)Rehydrated medium						
pH (post autoclaving/heating) :		7.6 ± 0.2				
Colour (post autoclaving/heating):		Amber				
Clarity (post autoclaving/heating):		Clear				
(III)Q.C. Test Microbiological						
Cultural characteristics observed after 24 - 48 hrs.at 35-37°C.						
MICROORGANISM (ATCC)		Inoculum (CFU)		GROWTH		
Escherichia coli (25922)		50-100		Good - Luxuriant		
Staphylococcus aureus (25923)		50-100		Good - Luxuriant		
Staphylococcus epidermidis 12228		50-100		Good - Luxuriant		
Streptococcus pyogenes 19615		50-100		Good - Luxuriant		
Salmonella Typhi 6539		50-100		Good - Luxuriant		
Enterobacter aerogenes 13048		50-100		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 :		Used for the large scale cultivation of bacteria for production of vaccine preparations.				
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
B739		25g/l	20L	7.6 ± 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.