

TECHNICAL SHEET

B743	MEAT EXTRACT W/ PEPTONE (PEPTED MEAT BROTH)				
Formula					
Ingredients :		gms/lit.			
Peptic digest of animal tissue		10.00			
Sodium chloride		15.00			
Meat extract		3.00			
Final pH (at 25°C) : Self					
Directions :					
Suspend 28 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Distribute into tubes or flasks. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Meat extract along with peptic digest of animal tissue provides necessary nitrogenous compounds and other nutrients for growth. Sodium chloride maintains osmotic equilibrium.					
QC Tests – (I) Dehydrated Medium					
	Colour :	Cream to yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	Self			
	Colour (post autoclaving/heating) :	Yellow			
	Clarity (post autoclaving/heating) :	Clear solution without any precipitate			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 24 - 48 hours at 35 - 37°C.					
	MICROORGANISM (ATCC)	GROWTH			
	Alcaligenes denitrificans (53957)	Luxuriant			
	Alcaligenes faecalis (8750)	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 recommended for cultivation and maintenance of Alcaligenes species.				
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
B743	28.0 g/l	17.857L	Self	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.