BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

Ingredients : gms/lit.	B743 MEAT EXTRACT W/ PEPTONE (PEPTED MEAT BROTH)							
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 – (1) 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) MICROORGANISM (ATCC) Alcaligenes denitrificans (53957) Luxuriant Alcaligenes denitrificans (53957) 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: Froduct profile: Reconstitution Preparation (500g)								
Sodium Chloride Meat extract 3.00								
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: 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: Product profile: Reconstitution Quantity on PH (25°C) Supplement Sterilization Preparation (500g) P			15.00					
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 Homogeneous Free Flowing powder (II)Rehydrated medium pH (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) Alcaligenes denitrificans (53957) Luxuriant Alcaligenes faecalis (8750) Luxuriant Alcaligenes faecalis (8750) Luxuriant 1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. Limitations: 1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. Limitations: 1. It is recommended for cultivation and maintenance of Alcaligenes species. Storage: Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C. Packing: Product profile: Reconstitution Preparation (500g) PH (25°C) Supplement Sterilization	Final pH (at 25°C): Self							
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 :								
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: Appearance: Homogeneous Free Flowing powder (II) Rehydrated medium pH (post autoclaving/heating): Clar Solution without any precipitate (III) Q.C. Test Microbiological Cultural characteristics observed after 24 - 48 hours at 35 - 37°C. MICROORGANISM (ATCC) Alcaligenes denitrificans (53957) Alcaligenes faecalis (8750) Luxuriant Alcaligenes faecalis (8750) 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: Product profile: Reconstitution Preparation (500g) Preparation Sough sources and other nutritients of provides and other nutritients for grow poorly on this medium. Sterilization								
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: Appearance: Homogeneous Free Flowing powder (II) Rehydrated medium pH (post autoclaving/heating): Clarity (post autoclaving/heating): 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) Alcaligenes denitrificans (53957) Luxuriant Alcaligenes faecalis (8750) 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: Product profile: Reconstitution Quantity on Preparation (500g) Preparation (500g)								
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) Alcaligenes denitrificans (53957) Luxuriant Alcaligenes faecalis (8750) 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: Product profile: Reconstitution Preparation (500g)								
Colour : Cream to yellow Appearance : Homogeneous Free Flowing powder								
Colour : Cream to yellow	growth. Sodium chloride maintains osmotic equilibrium.							
Appearance : Homogeneous Free Flowing powder		hydrated Mediu	m					
ITI) Rehydrated medium	Colour :	Colour :			Cream to yellow			
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) Alcaligenes denitrificans (53957) Alcaligenes faecalis (8750) 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: Soo gm. bottle Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization	Appearance :			Homogeneous Free Flowing powder				
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: Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization	(II)Rehydrated medium							
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: Product profile: Reconstitution Quantity on Preparation (500g) Preparation (500g)	pH (post autoclaving/heating) :			Self				
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	Colour (post autoclaving/heating):			Yellow				
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.	Clarity (post autoclaving/heating):			Clear solution without any precipitate				
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: Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization Preparation (500g)	(III) Q.C. Test Microbiological							
Alcaligenes denitrificans (53957) Alcaligenes faecalis (8750) 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: Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization Preparation (500g)	Cultural characteristics observed after 24 - 48 hours at 35 - 37°C.							
Alcaligenes faecalis (8750) 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: Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization Preparation (500g)	MICROORGANISM (ATCC)			GROWT	Ή			
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: Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization Preparation (500g)	Alcaligenes denitrificans (53957)			Luxuria	nt			
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: Product profile: Reconstitution Quantity on Preparation (500g) Preparation (500g) Procedures in handling and disposing of infectious named in packing and disposing of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium. Sterilization Sterilization								
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: Product profile: Reconstitution Quantity on Preparation (500g) PH (25°C) Supplement Sterilization	Precautions:							
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 pH (25°C) Supplement Sterilization Preparation (500g)								
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								
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	1 ,,							
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								
Packing : 500 gm. bottle Product profile: Reconstitution Quantity on Preparation (500g) pH (25°C) Supplement Sterilization								
Product profile: Reconstitution Quantity on Preparation (500g) pH (25°C) Supplement Sterilization								
Preparation (500g)								
	Product profile:	Reconstitution			pH (25°C)	Supplemen	t Sterilization	
B743 28.0 g/l 17.857L Self NIL 121°C / 15 minutes	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

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.