BIOMARK Laboratories-INDIA

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Formula Ingredients: gms/lit. Casein enzymic hydrolysate 15.00 Papaic digest of soyabean meal 5.00 Sodium chloride 30.00 Saccharose 20.00 Bile salts 0.50 Agar 15.00 Final pH (at 25°C): 7.1 ± 0.2 Directions: Suspend 85.5 gms. in 1000ml. distilled water. Heat to boiling to dissolve the medium completely Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C and aseptically add sml. of 1% Triphenyl Tetrazolium Chloride (TTC) (BF044). Mix well before pouring into sterile petr plates. Principle: Casein enzymic hydrolysate and papaic digest of soyabean meal provide nitrogenous compounds and other essential growth nutrients. Saccharose (sucrose) is the energy source. High salt concentration makes it specific only for salt tolerating organisms. Bile salts inhibit gram – positive organisms. Agar is the solidifying agent. QC Tests - (1)Dehydrated Medium Clour: Caream to yellow Appearance: Homogeneous Free Flowing powder (11)Rehydrated medium pH (post autoclaving/heating): Cilear to slightly opalescent Cluural characteristics observed after 24 – 48 hrs.at 35-37°C. Cultural characteristics observed after 24 – 48 hrs.at 35-37°C. Cultural characteristics observed after 24 – 48 hrs.at 35-37°C. Cultural characteristic									
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Storage:Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.Packing:500 gm. bottleProduct profile:Reconstitution Preparation (500g)pH (25°C)Supplement (25°C)B33985.5g/l5.847L7.1 ±1%Triphenyl	Use:	For isolation of Vibrio species with addition of TTC.							
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Product profile:ReconstitutionQuantity on Preparation (500g)pHSupplementSterilizationB33985.5g/l5.847L7.1 ±1%Triphenyl121°C/15min.									
profile: Preparation (500g) (25°C) B339 85.5g/l 5.847L 7.1 ± 1% Triphenyl 121°C/15min.			Ouantity on		рH	Supplemen	nt	Sterilization	
B339 85.5g/l 5.847L 7.1 ± 1% Triphenyl 121°C/15min.				′500a)			-		
		85.5a/l			1	1% Tr	iphenvl	121ºC/15min.	
10.2 Letrazolium Chloridel		22.29/1	510172	-	0.2		Chloride		
(TTC) (BF044).									

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.

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