BIOMARK Laboratories-INDIA www.biomarklabs.com TECHNICAL SHEET

B874 M-ENDO BROTH MF (MF ENDO MEDIUM) (M-COLIFORM BROTH)									
Formula		•							
Ingredients :		gm	s/lit.						
Tryptose			10.00						
Casein enzymic hydrolysate			5.00						
Peptone, special			5.00						
Yeast extract		1.5	1.50						
Lactose		12.	12.50						
Sodium deoxycholate		0.1	0.10						
Dipotassium phosphate		4.375							
Monopotassium phosphate		1.375							
Sodium chloride		5.0	5.00						
Sodium lauryl sulphate			0.05						
Sodium sulphite		2.1	0						
Basic fuchsin		1.0	5						
Final pH (at 25°C) : 7	.2 <u>+</u> 0.2								
Directions :									
Suspend 48.05 grams	in 1000 ml dis	tilled	water contair	ning 20 ml ethanol. Heat if necessary, to dissolve					
the medium completely. DO NOT AUTOCLAVE. Cool to room temperature and dispense about 2 ml onto									
sterile absorbent pads. This medium should be used on the same day it is prepared and should be									
protected from bright light.									
	Caution: Basic fuchsin is a potential carcinogen and care should be taken to avoid inhalation of the								
powdered dye and contamination of the skin.									
Principle :									
Casein enzymic hydrolysate, tryptose, peptone special and yeast extract provide essential nutrients									
sassin sizyine nyure	, , , , , , , , , , , , , , , , , , ,	-/ F		, and , case entrate provide cooling indirection					
especially nitrogenous	for the coliform	s. La	ctose is the fe	rmentable carbohydrate. Sodium sulphite, sodium					
especially nitrogenous deoxycholate and bas	for the coliform	s. La pit th	ctose is the fe e growth of	rmentable carbohydrate. Sodium sulphite, sodium gram-positive organisms. Phosphates buffer the					
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Refer disclaimer overleaf

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Use :	For the enumeration of coliform bacteria in water samples using one step membrane								
	filter technique.								
Storage:	Dehydrated medium- below 30°C Prepared medium- Freshly prepared.								
Packing :	500 gm. bottle								
Product profile:	Reconstitution	Quantity on	pH (25°C)	Supplement	Sterilization				
-		Preparation (500g)							
B874	48.05g/l	10.416L	7.2 ± 0.2	Ethanol	DO NOT AUTOCLAVE				

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

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