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TECHNICAL SHEET

B1414 LISTERIA FRASER BROTH BASE								
Formula								
Ingredients:		gms/lit.						
Proteose Peptone		5.00						
Tryptone		5.00						
Yeast extract		5.00						
Meat extract B#		5.00						
Sodium chloride		20.00						
Disodium hydroger	n phosphate	9.50						
Potassium Dihydro		1.35						
Aesculin		1.00						
Lithium Chloride		3.00						
Nalidixic acid		0.020						
Acriflavin hydrochl	oride (Trypaflavin)	0.025						
#- Equivalent to Be	eef extract							
Final pH (at 25°C)	: 7.2 <u>+</u> 0.2							
Directions :								
Suspend 27.4 grar	ns in 500ml distilled v	vater. Heat if nece	essary to dise	solve the medi	um completely.			
	aving at 15 lbs pressu							
	of one vial of Fraser S							
plates.			,	·				
Principle :								
	ains tryptone, yeast ex	tract and beef ext	tract which p	rovide essentia	al nutrients like			
	genous compounds							
	le buffering action t							
	ixic acid and acriflavin							
	ively except Listeria sp		5	5				
	hydrated Medium							
Colour :	•	Cream to light	Cream to light yellow					
Appearance :			Homogeneous Free Flowing powder					
(II)Rehydrated medium								
	aving/heating) :	7.2 ± 0.2	7.2 ± 0.2					
Colour (post autoclaving/heating) :			Yellow coloured solution with bluish tinge					
Clarity (post autoclaving/heating) :			Clear to slightly opalescent					
(III) Q.C. Test Mi			, opulococili					
		nent after 24	1-48 hours at 3	35- 37°C				
MICROORGANI			dition of supplement after 24-48 hours at 35- 37°C. GROWTH ESCULIN HYDROLYSIS					
Listeria monocytogenes (19118)			Positive reaction, blackening of medium					
Listeria monocytogenes (19113)								
			Positive reaction, blackening of medium Positive reaction, blackening of medium					
				CUULT, DIACKEIII				
		Inhibited	-					
	<u>, , , , , , , , , , , , , , , , , , , </u>	Inhibited	-					
Enterococcus fa		Inhibited	1-					
Precautions :	1. For Laboratory U							
	2. Follow proper, established laboratory procedures in handling and disposing of							
	infectious materials. 1. Since the nutritional requirements of organisms vary, some strains may be							
Limitations :					strains may be			
	encountered that fail to grow or grow poorly on this medium.							
Use:	For selective enrichment of Listeria species as per ISO11290-1:1997 &							
	ISO11133-2:2003							
Storage:	Dehydrated medium	and prepared med	dium– Betwe	en 2 to 8°C.				
Packing :	500 gm. bottle	· ·						
i ucking i								
Product profile:	Reconstitution Qua	antity on	pH (25°C)	Supplement	Sterilization			

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B1414	54.8 g/l	9.12 lit	7.2 ± 0.2	Fraser	121 ⁰ C/15 min
				supplement	
				(BF002)	

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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