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B186 ENTEROCOCCUS CONFIRMATORY AGAR								
Formula								
Ingredients : gms/lit.								
Casein enzymic hydrolysate 5.00								
Yeast extract	ct 5.00							
Dextrose	5.00							
Sodium azide	0.4							
Methylene blue	0.01							
Agar 15.00								
Final pH (at 25°C) : 8.0 <u>+</u> 0.2								
Directions :								
Suspend 30.41 grams in 1000 ml purified / distilled water. Heat to boiling to dissolve the medium								
completely. Dispense in tubes or flasks as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for								
15 minutes. Allow the agar tubes to cool to 45-50% in a slanted position.								
Principie :								
Casein enzymic nydrolysate, yeast extract, dextrose provides essential growth nutrients for Enterococci.								
Socium azue mnibits gram – negative organisms. The positive presumptive tests are confirmed by								
Inoculating Enterococccus Presumptive Broth to Enterococcus Confirmatory stant – broth combination propared with a Salt Azida Denicillin								
Broth (Enterococcus confirmatory Broth) A negative catalace test is considered confirmed positive								
process of the presence of Enterescence. Single strength modium can be used for small inoculum								
Production of acid and turbidityin an azide presumptive broth when incubated at 45% is considered								
Inositive presumptive evidence for the presence of Enterococci which is confirmed by inoculating in / on								
Confirmatory Broth / Agar								
OC Tests - (I)Debydrated Medium								
			light vellow to vellow					
			Homogeneous Free Flowing, powder					
(II)Rehvdrated medium								
pH (post autoclaving/heating) :			$8.0 \pm 0.2$					
Colour (post autoclaving/heating) :			light blue					
Clarity (post autoclaving/heating) :			Clear to slightly opalescent					
(III)O.C. Test Microbiological								
Cultural characteristics observed after 48 hrs. at 25°C.								
MICROORGANIS	NTH							
Enterococcus faecalis (29212) Good			Luxuriant					
Escherichia coli (25922) Inhibited								
Key : + = acid production, yellow colour								
- = no acid production, no colour change.								
Precautions :	1. For Laboratory Use.							
	2. Follow proper, established laboratory procedures in handling and disposing of							
	infectious materials.							
Limitations :	<b>hitations :</b> 1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.2. The high degree of selectivity of SPS Agar may inhibit some strains of C. perfringen							
while other strains that grow may fail to produce distinguishing black colonies.								
Use :	B186: For confirming the presence of Enterococci in water supplies and other sources.							
Storage :	Dehydrated medium and prepared medium- Between 2 to 8°C.							
Packing :	500 gm. bottle							
Product profile:	Product profile: Reconstitution Quantity of		1	p⊦	1 (25°C)	Supplement	Sterilization	
		Preparation	(500g)					
B186	30.41g/l	16.44	12L	8.	$0 \pm 0.2$	NIL	121ºC / 15 minutes	

Refer disclaimer Overleaf

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## 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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