

B808	V-8 MEDIUM FOR LACTOBACILLI					
Formula						
Ingredients :		gms/lit.				
V-8 vegetable juice		10.00				
Tryptose		10.00				
Beef extract		3.00				
Lactose		5.00				
Bromo cresol green		0.10				
Agar		15.00				
Final pH (at 25°C) : 5.7 ± 0.2						
Directions :						
Suspend 43.10 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.						
Principle :						
Tryptose and beef extract provide all the necessary nitrogenous nutrients for the growth of Lactobacilli. Lactose is the fermentable carbohydrate and the fermentation of which yields the lactic acid. Bromo cresol green is the pH indicator which turns yellow at high acidic pH around 3.0. V-8 vegetable juice, a blend of 8 vegetable juices provide the trace ingredients for the growth of Lactobacilli. Acidic pH of the medium suppresses the growth of many other nonaciduric contaminating bacteria. Lactic acid producing bacteria develop yellow colonies on this medium.						
QC Tests - (I) Dehydrated Medium						
Colour :		Light blue				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		5.7 ± 0.2				
Colour (post autoclaving/heating) :		Blue				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 - 48 hrs. at 35-37°C.						
MICROORGANISM (ATCC)		GROWTH		COLOUR OF COLONY		
Lactobacillus plantarum (8014)		Good - luxuriant		Yellow		
Lactobacillus casei (9595)		Good - luxuriant		Yellow		
Lactobacillus acidophilus (4356)		Good - luxuriant		Yellow		
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 :						
For Lactobacilli is recommended for cultivation and enumeration of Lactobacilli.						
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
B808		43.10 g/l	11.60 L	5.7 ± 0.2	Nil	121°C/15 min.

Refer disclaimer Overleaf

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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