BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B 12 INOCULUM BROTH (L.LEICHMANNII)

Ingredients : gms/lit.	BS029 B 12 INOCULUM BROTH (L.LEICHMANNII)							
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Yeast extract 7.50 Dextrose 10.00 Monopotassium phosphate 2.00 Tomato juice (100 ml) 5.00 Polysorbate 80 0.10 Final pH (at 25°C) : 6.8 ± 0.2 Directions: Suspend 32.1 gms. in 1000ml. distilled water. Boil to dissolve the medium completely. Distribute in tubes and sterilize by autoclaving at 15 lbs pressure (121° C) for 15 minutes. Principle: Peptic digest of animal tissue provides the nitrogen and amino acids in B ₁₂ culture broth. Yeast extract is the vitamin source in the formula. Tomato juice is added to create the proper acidic environment. Dextrose is the carbon source, and Sorbitan monooleate complex acts an emulsifier. Potassium phosphate dibasic acts as the buffering agent in B ₁₂ Inoculum broth , QC Tests - (1)(1)Dehydrated Medium Colour: Cream to light yellow Appearance: Homogeneous Free Flowing powder (II)Rehydrated medium pH (post autoclaving/heating): 6.8 ± 0.2 Colour (post autoclaving/heating): Light yellow to amber Clarity (post autoclaving/heating): Clear (III)Q.C. Test Microbiological Cultural characteristics observed after 18 - 24 hrs at 35-37°C. MICROORGANISM (ATCC) GROWTH Lactobacillus leichmanni (7830) Luxuriant Precautions: 1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. 3. Great care must be taken to avoid contamination of media or glassware in microbiological assay procedures. Extremely small amounts of foreign material may be sufficient to give erroneous results. Scrupulously clean galssware in microbiological assay procedures. Extremely small amounts of foreign material may be sufficient to give erroneous results. Scrupulously clean galssware in microbiological assay procedures. Extremely small amounts of foreign material may be sufficient to give erroneous results. Scrupulously clean galssware in microbiological assay procedures. Extremely small amounts of foreign material may be encountered that fall to grow or grow poorly on this medium. Limitations: For microbiological assay of vitamin B12 usin		gm						
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Packing: 500 gm. bottle	Use:							
Product profile: Reconstitution Quantity on pH (25°C) Supplement Sterilization	Product profile:	Reconstitution	Quantity or	1	pH (25°C)	Supplement	Sterilization	
Preparation (500g)								
BS029 32.1g/l 15.576L 6.8 ± 0.2 NIL 121° C / 15 minutes	BS029	32.1g/l	15.57	76L	6.8 <u>+</u> 0.2	NIL	121°C / 15 minutes	

Disclaimer:

BS029

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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