BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

0.3ml of Kovac's Reagent (BA068) to each tube after incubation. MICROORGANISM (ATCC) Escherichia coli (25922) Luxuriant Enterobacter aerogenes (13048) Klebsiella pneumoniae (13383) Luxuriant Negative reaction, no colour developm cloudy ring Klebsiella pneumoniae (13383) Luxuriant Negative reaction, no colour developm cloudy ring Precautions: 1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and dispos						ROTH	TRYPTONE B	B1127		
Casein enzymic hydrolysate 10.00 5.00								Formula		
Sodium chloride 5.00					ms/lit.	g		Ingredients:		
Final pH (at 25°C): 7.5 ± 0.2 Directions: Suspend 15 grams in 1000 ml distilled water. Heat if necessary, to dissolve the me completely. Dispense into tubes and sterilize by autoclaving at 15 lbs pressure (121°C) for minutes. Principle: Casein enzymic hydrolysate is a good substrate for indole production because of its high tryptophan content. Certain organisms breakdown the amino-acid tryptophan with the help of enzymes that mediate the production of indole by hydrolytic activity. The indole produced car detected by either Kovac's or Ehrlich's reagent. Indole combines with the aldehyde present in above reagent to give red colour in the alcohol layer. The alcohol layer extracts and concentrate red colour complex. QC Tests - (I)Dehydrated Medium Colour: Cream to light yellow Appearance: Homogeneous Free Flowing powder (II)Rehydrated medium pH (post autoclaving/heating): Colour (post autoclaving/heating): Clarity (post autoclaving/heating): Clarity (post autoclaving/heating): Clarity (post autoclaving/heating): Clarity (post autoclaving/heating): Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours. Add (0.3ml of Kovac's Reagent (BA068) to each tube after incubation. MICROORGANISM (ATCC) Escherichia coli (25922) Luxuriant Enterobacter aerogenes (13048) Luxuriant Negative reaction, no colour developm cloudy ring Klebsiella pneumoniae (13383) Luxuriant Negative reaction, no colour developm cloudy ring Klebsiella pneumoniae (13383) Luxuriant Negative reaction, no colour developm cloudy ring					0.00	1	Casein enzymic hydrolysate			
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	· - · · · ·					erials.	infectious mate			
Limitations: 1. Since the nutritional requirements of organisms vary, some strains m							tations: 1. Since the nutrition			
encountered that fail to grow or grow poorly on this medium.										
Use: For the detection of indole production by coliforms.										
Storage: Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.										
Packing: 500 gm. bottle		·								
	erilization	Supplement Steriliza	C)	pH (2!		Quantity Preparat	Reconstitution			
B1127 15g/L 33.33L 7.5 ± 0.2 NIL 121°C /15 r	2/15 min.	NIL 121°C /15		7.5 <u>+</u> 0.	33L		15g/L	B1127		