BIOMARK Laboratories-INDIA

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TECHNICAL SHEET							
B1005 DEY-ENGLEY NEUTRALIZING AGAR							
Formula	-						
Ingredients:		gms/lit.					
Casein enzymic hydrolysate		5.00					
Yeast extract		2.50					
Dextrose		10.00					
Sodium thiosulphate		6.00					
Sodium thioglycollate	1.00						
Sodium bisulphite		2.50					
Lecithin 7.00							
Polysorbate 80	5.00						
Bromo cresol purple		0.02					
Agar		15.00					
Final pH (at 25°C): 7.6 ± 0	2						
Directions :							
Suspend 54.02 gms in 100) ml. dis	stilled water. Boil to dissolve the medium completely. Sterilize by					
autoclaving at 15 lbs pressur	e (121°C	c) for 15 minutes.					
Principle :							
Dey - Engley Neutralizing me	edium is	formulated as per the procedure described by Engley and Dey. The					
dey Engley Neutralizing med	dia neutr	ralizes a broad spectrum of antiseptics and disinfectants including					
quaternary ammonium comp	ounds, p	henolics, iodine and chlorine preparations, mercurials, formaldehyde					
and glutaraldehyde. Sodiur	n thiogly	collate, sodium thiosulphate, sodium bisulphate, soya lecithin and					
polysorbate 80 act as neutral							
QC Tests - (I)Dehydrated Me							
Colour :		Light yellow to bluish grey					
Appearance :		Homogeneous Free Flowing powder					
(II)Rehydrated medium							
pH (post autoclaving/heating):	7.6 ± 0.2					
Calaur (neet auteeleuine /b		Dumle to meddish numle					

QC Tests - (I)Del	<u>nydrated Mediur</u>	n						
Colour:		Li	Light yellow to bluish grey					
Appearance :		H	Homogeneous Free Flowing powder					
(II)Rehydrated m	redium							
	pH (post autoclaving/heating):			7.6 ± 0.2				
Colour (post autoclaving/heating):			Purple to reddish purple					
Clarity (post autoclaving/heating):		ng): O	Opalescent gel (May have particulate precipitate)					
(III)Q.C. Test Microbiological								
	cteristics observ	ed after 40-4						
MICROORGANIS	MICROORGANISM (ATCC)			VTH				
	Bacillus subtilis (6633)			iant				
Escherichia coli (25922)			Luxur	iant				
Pseudomonas aeruginosa (27853)			Luxuriant					
Salmonella typhimurium (14028)			Luxuriant					
Staphylococcus aureus (25923)			Luxuriant					
Aspergillus bra	Aspergillus brasiliensis(16404)			Luxuriant				
Candia albicans(10231)			Luxuriant					
Precautions:								
			ned laboratory procedures in handling and disposing of					
	infectious mate							
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 :		sting, where neutralization of the chemical is important for						
	determining its	bactericidal a	activity.					
	5		2000 5		<u> </u>	222		
Storage :	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.							
Packing:	500 gm bottle	a		(2520)		O: 111 .:		
Product profile:	Reconstitution Quantity on		(EGG.)	pH (25°C)	Supplement	Sterilization		
D4005	F4 (1	Preparation (76.00	NIT!	12100 / 15		
B1005	54g/l	9.259	L	7.6 ± 0.2	NIL	121°C / 15 minutes		

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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