

B1007	DEY-ENGLY NEUTRALIZING BROTH BASE				
Formula					
Ingredients :		gms/lit.			
Casein enzymic hydrolysate		5.00			
Yeast extract		2.50			
Dextrose		10.00			
Bromo cresol purple		0.02			
Final pH (at 25°C) : 7.6 ± 0.2					
Directions :					
Suspend 17.5 gms in 1000 ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Dey - Engley Neutralizing medium is formulated as per the procedure described by Engley and Dey. The dey Engley Neutralizing media neutralizes a broad spectrum of antiseptics and disinfectants including quaternary ammonium compounds, phenolics, iodine and chlorine preparations, mercurials, formaldehyde and glutaraldehyde. Sodium thioglycollate, sodium thiosulphate, sodium bisulphate, soya lecithin and polysorbate 80 act as neutralizing components.					
QC Tests – (I) Dehydrated Medium					
Colour :		Bluish grey			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		7.6 ± 0.2			
Colour (post autoclaving/heating) :		Purple			
Clarity (post autoclaving/heating) :		Opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 40-48 hrs.at 35-37°C.					
MICROORGANISM (ATCC)		GROWTH			
Bacillus subtilis (6633)		Luxuriant			
Escherichia coli (25922)		Luxuriant			
Pseudomonas aeruginosa (27853)		Luxuriant			
Salmonella typhimurium (14028)		Luxuriant			
Staphylococcus aureus (25923)		Luxuriant			
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 :	B1007: Used along with Dey-Engley Neutralizing Broth for neutralizing and determining bactericidal activity of quaternary ammonium compounds.				
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
B1007	17.5 g/l	28.57 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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