

B1238	NEUTRALIZING FLUID					
Formula						
Ingredients :		gms/lit.				
Peptone (meat or casein)		1.00				
Lecithin (egg)		3.00				
Histidine hydrochloride		1.00				
Sodium chloride		4.30				
Potassium dihydrogen phosphate		3.60				
Disodium hydrogen phosphate		7.20				
Final pH (at 25°C) : Self						
Directions :						
Suspend 18.64 grams (the equivalent weight of dehydrated medium per litre) in 1000 ml distilled water containing 30 gm of polysorbate 80. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15lbs pressure (121°C) for minutes						
Principle :						
The neutralising agents present in the medium neutralises the activity of antimicrobial agents present in various pharmaceutical products which may interfere with microbial limit tests or sterility testing analysis. Egg lecithin and polysorbate 80 act as neutralising agents. Sodium chloride maintains osmotic equilibrium and phosphates serve as buffering agents.						
QC Tests - (I) Dehydrated Medium						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		Self				
Colour (post autoclaving/heating) :		Colourless to pale yellow				
Clarity (post autoclaving/heating) :		Opalescent solution in tubes				
(III) Q.C. Test Microbiological						
Cultural characteristics observed when subcultured on Tryptone Soya Agar (B790), after an incubation at 35-37°C for 40-48 hours						
MICROORGANISM (ATCC)		GROWTH				
Bacillus subtilis (6633)		good				
Escherichia coli (8739)		good				
Pseudomonas aeruginosa(9027)		good				
Staphylococcus aureus (6538)		good				
Salmonella Typhimurium (14028)		good				
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 :		It is recommended for neutralizing the activity of antimicrobial agents in accordance with BP.				
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
B1238	51.0g/l		26.82 L	Self	Polysorbate 80	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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