

TECHNICAL SHEET

B275	NUTRIENT BROTH WITH 1% PEPTONE NaCl				
Formula					
Ingredients :					
	gms/lit.				
Peptic digest of animal tissue	10.00				
Meat Extract B #	10.00				
Sodium chloride	5.00				
# Equivalent to Beef extract					
Final pH (at 25°C):	7.4 ± 0.2				
Directions :					
Suspend 25 grams in 1000 ml purified / distilled water. Heat if necessary to dissolve the medium completely. Dispense in tubes or flasks as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle :					
Meat extract B and peptic digest of animal tissue provide the necessary nitrogen compounds, carbon, vitamins and also some trace ingredients to non-fastidious organisms like Bacillus subtilis and Staphylococcus aureus. Sodium chloride maintains osmotic equilibrium of the medium.					
QC Tests - (I) Dehydrated Medium					
	Colour :	Cream to yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	7.4 ± 0.2			
	Colour (post autoclaving/heating) :	Light yellow			
	Clarity (post autoclaving/heating) :	Clear			
(III) Q.C. Test Microbiological					
	Cultural characteristics observed after	18 - 24 hrs at 35 - 37°C.			
	MICROORGANISM (ATCC)	GROWTH			
	Escherichia coli (25922)	Luxuriant			
	Enterobacter aerogenes (13048)	Luxuriant			
	Salmonella typhimurium (14028)	Luxuriant			
	Klebsiella pneumoniae (13883)	Luxuriant			
	Escherichia coli (8739)	Luxuriant			
	Escherichia coli (NCTC9002)	Luxuriant			
	Staphylococcus aureus (6538)	Luxuriant			
	Salmonella Abony (NCTC 6017)	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 :	Recommended as a sterility testing medium for aerobes.				
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
B275	25g/l	20L	7.4 ± 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 BIOMARK LABORATORIES publications. The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.