

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B034	NUTRIENT BROTH, pH 6.9 W/O NaCl					
Formula						
Ingredients :		gms/lit.				
Peptic digest of animal tissue		5.00				
Meat extract B#		3.00				
# Equivalent to beef extract						
Final pH (at 25°C) : 6.9 ± 0.2						
Directions :						
Suspend 8 gms. in 1000 ml. distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
This Nutrient Broth with pH 6.9 and devoid of NaCl is a relatively simple formulation containing meat extract B and peptic digest of animal tissue which can support the growth of nonfastidious microorganisms.						
QC Tests - (I) Dehydrated Medium						
Colour :		Light to medium yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.9 ± 0.2				
Colour (post autoclaving/heating) :		Light amber				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 - 48 hrs at 35 - 37°C.						
MICROORGANISM (ATCC)		GROWTH				
Enterobacter aerogenes (13048)		Good - Luxuriant				
Escherichia coli (25922)		Good - Luxuriant				
Salmonella typhi (6539)		Good - Luxuriant				
Staphylococcus aureus (25923)		Good - Luxuriant				
Staphylococcus epidermidis (12228)		Good - Luxuriant				
Enterococcus faecalis (29212)		Good - 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 :		As general purpose medium for the cultivation of microorganisms.				
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
B034		8g/l	62.5L	6.9 ± 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.

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