

B1810	SALINE NUTRIENT AGAR				
Formula					
Ingredients :	gms/lit.				
Peptic digest of animal tissue	5.00				
Meat Extract	3.00				
Sodium chloride	30.00				
Agar	15.00				
Final pH (at 25°C) : 8.5 ± 0.2					
Directions :					
Suspend 53.0 grams 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. Mix well and pour in sterile Petri plates.					
Principle :					
Peptone and meat extract provide nitrogen compounds, growth factors and vitamins for the growth of <i>Vibrio parahaemolyticus</i> . High sodium chloride content and alkaline pH of the medium provides conditions that facilitate easy growth of <i>Vibrio parahaemolyticus</i> , while restricting the growth of most gram-negative microorganisms					
QC Tests – (I)Dehydrated Medium					
	Colour :	Cream to yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II)Rehydrated medium					
	pH (post autoclaving/heating) :	8.5 ± 0.2			
	Colour (post autoclaving/heating) :	Cream to light yellow			
	Clarity (post autoclaving/heating) :	Clear to slightly opalescent			
(III)Q.C. Test Microbiological					
	Cultural characteristics observed after 18 - 48 hrs at 35 - 37°C.				
	MICROORGANISM (ATCC)	GROWTH			
	<i>Escherichia coli</i> (25922)	Good – luxuriant			
	<i>Vibrio parahaemolyticus</i> ATCC 17802	Good – luxuriant			
	<i>Vibrio cholerae</i> ATCC 15748	Good – luxuriant			
	<i>Enterobacter aerogenes</i> ATCC 13048	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. Saline				
Use:	Saline Nutrient Agar is recommended by ISO 8914:1990 for isolating and enumerating <i>Vibrio parahaemolyticus</i> from food and animal feed				
Storage :	Dehydrated medium- below 30 ° C Prepared mediums– Between 2 to 8°C.				
Packing :	500 gm. bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1810	53 g/l	9.433L	8.5 ± 0.2	NIL	121 ⁰ 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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