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Ingredients:	gms/lit.			
Proteose peptone	10.00			
Meat Extract B#	1.00			
Sodium chloride	75.00			
D-Mannitol	10.00			
Phenol red	0.025			
Agar	15.00			
#- Equivalent to Beef extract				
Final pH (at 25°C): 7.4 <u>+</u> 0.2				
Directions:			<u> </u>	
Label the ready to use plate (PP014). E aseptically on the plate.	ther streak,	inoculate or	surface spread the	e test inoculum (50-100 CFU
Principle: Mannitol Salt Agar contains Proteose F				
presence of a high salt concentration a indicator from red to yellow. Typica mannitol and form yellow colonies with do not ferment mannitol and form red (I) QC Tests	l pathogenic yellow zones	staphylococc	i (coagulase -po	sitive staphylococci) ferment
	74 102			
pH: Color:	7.4 ± 0.2	d modium		
	Red coloured medium.			
Appearance: (II)Sterility test	Sterile Mannitol SaltAgar in 90X15 mm disposable plates. Passes release criteria			
(III)Q.C. Test Microbiological	1 03303 1010			
Soyabean Casein Digest Agar.	becified time.	Recovery ra	te is considered	100% for bacteria growth or
MICROORGANISM (ATCC)	INOCULUM (CFU)		Recovery	COLOR OF COLONY
Staphylococcus aureus 6538	50 -100	luxuriant	≥50 %	yellow/white colonies surrounded by yellow zone
Staphylococcus aureus 25923	50 -100	luxuriant	≥50 %	yellow/white colonies surrounded by yellow zone
Staphylococcus epidermidis 12228	50 -100	fair - good	30 -40 %	Red
Staphylococcus epidermidis14990	50 -100	fair - good	30 -40 %	Red
Proteus mirabilis 12453	≥10 ³	None-poor	0 -10%	yellow
	≥10³	inhibited	0-0%	-
Escherichia coli 8739	≥10 ³	inhibited	0 -0 %	-
Escherichia coli 8739 Escherichia coli 25922				
	≥10 ³		0-0%	-
Escherichia coli 25922		inhibited inhibited	0 -0 %	-

FIECAUCIONS .		
	2. Read the label before opening the container	
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:	For selective isolation of pathogenic Staphylococci.	
Storage:	Store between 2-8°C. Use before expiry date on the label.	
Packing:	10/20/50 disposable plates.	

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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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