

**TECHNICAL SHEET**

<b>TS008</b>	<b>Sterile Swab w/ 0.1% Peptone Water</b>	
<b>Directions:</b>		
Using the capped swab, provided along with the media containing tube, collect the sample to be transported. insert the capped swab with the sample till the bottom of the medium Tighten the cap firmly. The specimen will be preserved during transportation and also the viability of the organisms will be maintained but it will diminish over the time. Some growth of contaminants may occur during longer period of transport. After the transportation, the specimen should be inoculated in proper medium as soon as possible. The cultures on transport swabs must not be kept at room temperature for more than 24 hours.		
<b>Principle:</b>		
Peptic digest of animal tissue, casein enzymic hydrolysate, meat extract B and yeast provide nitrogenous nutrients, carbon compounds, sulphur, trace elements and vitamin B complex to the microorganisms. Incorporation of lecithin and polysorbate 80 to the medium enables the recovery of bacteria from materials containing residues of disinfectant compounds or preservatives used in cosmetics. Lecithin also neutralizes quaternary ammonium compounds present in the cosmetics. Sodium chloride maintains the osmotic balance of the medium.		
<b>(I) QC Tests</b>		
	pH:	7.0 ± 0.2
	Color:	Clear colorless medium.
	Appearance:	Sterile 0.1% Peptone water in tube with Sterile Cotton Swabs.
<b>(II) Sterility test</b>		Passes release criteria
<b>(III) Q.C. Test Microbiological</b>		
Viability of following was established for a period of 24 hours. Organisms grew luxuriantly when recovered on Tryptone Soya Agar (B039) and incubates at 35-37°C for 18-24 hours.		
	MICROORGANISM (ATCC)	GROWTH
	Escherichia coli 25922	luxuriant
	Staphylococcus aureus 25923	luxuriant
	Salmonella Typhimurium 14028	luxuriant

Refer disclaimer Overleaf

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<b>Precautions :</b>	1. In Vitro diagnostic use only. 2. Read the label before opening the container
<b>Limitations :</b>	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
<b>Use:</b>	Recommended for recovery of microorganisms.
<b>Storage:</b>	Store between 5 – 25°C with caps firmly tighten. Use before expiry date on label.
<b>Packing:</b>	7ml of medium in 10/50 tubes with sterile swabs in individual pack.

**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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