

Catalogue code/ number: 4107003

Product name: SpongesCollect™ Polyurethane Neutralizing Buffer, 10 mL

BacterLab Division



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ENVIRONMENTAL SAMPLING SPONGES

SpongesCollect™ Polyurethane Neutralizing Buffer, 10 mL

A microbiological sampling tool for surfaces, using a polyurethane sponge pre-moistened with Neutralizing Buffer to neutralize the effects of residual sanitizing agents and protect microorganisms during transport and analysis.

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APPLICATION	SpongesCollect™ Polyurethane Neutralizing Buffer, 10 mL is designed to collect microorganisms from surfaces in food processing, healthcare, and pharmaceutical environments. The primary purpose of this product is to assist in collecting microbial samples from surfaces, equipment, and surrounding areas in food production facilities. Neutralizing Buffer helps neutralize the effects of residual sanitizing agents on surfaces, ensuring that microorganisms are not affected during transport and analysis.
PRINCIPLE AND INTERPRETATION	SpongesCollect™ Polyurethane Neutralizing Buffer, 10 mL uses a biocide-free polyurethane sponge combined with 10 mL of Neutralizing Buffer collect microorganisms from surfaces. The Neutralizing Buffer neutralizes residual sanitizing agents, such as chlorine, quaternary ammonium compounds, iodine, and phenolic, protecting microorganisms from the effects of these substances. However, unlike nutrient media, Neutralizing Buffer does not provide nutrients for microorganism growth. Therefore, this solution only serves to neutralize and does not support microbial growth, helping maintain the viability of microorganisms throughout transport without altering the sample's characteristics.
MEDIUM COMPOSITION(*)	Tween 80 (Polysorbate 80).....3,0 mL Histidine0,1 g Sodium thiosulfate0.8 g Soy lecithin.....0,3 g pH of the ready-to-use medium at 25°C: 7,2 ± 0,2 * Adjusted and /or supplemented as required to meet performance criteria
STORAGE	4 – 25°C Protect from light, excessive heat, moisture and freezing
TRANSPORTATION	Ambient temperature
PREPARATION	The product are ready-to-use, no preparation required.
INSTRUCTIONS FOR USE	<ul style="list-style-type: none"> – Inspect the SpongesCollect™ product to ensure there is no damage or contamination during storage. – Write sample information on the provided label attached to the product packaging. – Tear the bag along the pre-marked perforated line. – Push the sponge near the edge of the bag so that part of the sponge is exposed for easy handling. Hold the sponge from the outside of the bag and carefully

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	remove it directly by hand, making sure not to touch the inside surface of the bag to avoid contamination.		
	<ul style="list-style-type: none">– Immerse the sponge into a sterile buffer/culture medium as required (if necessary).– Rub the SpongesCollect™ sponge on the area to be sampled.– After sampling, return the sponge to the bag. Ensure the sponge does not fall out and avoid direct contact with the outer surface of the packaging.– Use the provided tie to seal the SpongesCollect™ bag by rolling the top of the bag and tightly twisting the tie inside the bag.– The sample must be sent to the laboratory as soon as possible to prevent changes in microbial characteristics. The transportation process should comply with sample storage regulations.		
QUALITY CONTROL	Growth Promotion Test: ≤ 10 ³ CFU/mL microorganisms		
	Control strain	Incubation Conditions	Specifications
	<i>S.aureus</i> ATCC 6538	24 – 48 h at 35 – 37°C	Good growth
	Sterility control	No bacterial growth after incubation at 35 – 37°C for 72 hrs	
	Appearance	The solution contains a homogeneous sponges, without any stratification, light amber, clear.	
GENERAL WARNING NOTES	<ul style="list-style-type: none">- Device must be handled according to asepsis precautions, of utilization of culture media is strictly referred to the type of analysis that must be done.- Please refer to specific norms and procedures.- Do not use if device is broken.- Do not use if media shows accidental contamination signs.- Do not utilize after expiry date.- Let device reach room temperature before utilizing.- Results interpretation must be done by qualified personnel, who must consider context of use.- Disposal of waste must be carried out according to national and local regulation in force.		



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MODEL	PACKAGING	PRODUCT CODE	DESCRIPTION	SHELF LIFE
4107003	100 pieces / box	4107003	<ul style="list-style-type: none">- Biocide-free polyurethane sponge + Neutralizing Buffer- Packaging: Double Wrapped Sterile (DWSI)- Dose of irradiation: $\geq 25\text{kGy}$	24 months

BIBLIOGRAPHY

- APHA Technical Committee on Microbiological Methods for Foods. Compendium of Methods for the Microbiological Examination of Foods, APHA, Washington, D.C

