

## SALINE SOLUTION CHIFONET

### Presentation

Wired sampling bag containing 1 chifonet dampened with sterile Saline solution.

### Sterilization method

Gamma irradiation.

### Application

Used as a dragging swab to collect samples for microbiological analysis in environmental monitoring of different surfaces, equipment, trucks, feed silos, maintaining viable cells and recovering injured cells until the time of analysis in the laboratory.

### Principle

The saline is an isotonic solution of 0.85% sodium chloride that maintains viable microorganisms and preserved cells.

### How to use

Remove the swab from the sampling bag and attach it to the handle. Pass it over the desired surface according to the adopted sampling plan. At the end of the collection, return the swab to the sampling bag and close it. Send the sample to the laboratory and proceed with the analysis according to the methodology adopted by the laboratory.

### Quality Control

Test	Result
Sterility	Absence of microbial growth
<i>Staphylococcus aureus</i> ATCC 25923	Good growth after subculturing on non-selective agar
<i>Escherichia coli</i> ATCC 25922	Good growth after subculturing on non-selective agar
Appearance	Swab: light gray, free of impurities. Medium: liquid medium, clear, colorless, free of precipitates or visible particles.
pH at 25°C	6.5 ± 1.5

### Results interpretation

Microbial growth is evidenced by the turbidity of the medium. If growth is observed, perform microscopic analysis, subculture on selective media, and biochemical tests to identify isolated genera and species, if necessary. Perform the reading according to official compendia or internal laboratory methodology.

### Precautions and special care

Product intended for *in vitro* diagnostic use only.

Restricted for use by professionals. Do not inhale or ingest.

Do not use the product beyond the expiration date, with signs of contamination, or if it has changed color. In the presence of contamination, the product should be immediately discarded.

Do not use the product if the packaging is damaged or tampered with.

### Storage

Store between 2-35°C in a dry place and protect from light.

### Shelf-life

1 year from the date of manufacture.

### Disposal of the product

After use, the product must be handled at the generating unit before environmentally appropriate final disposal, in accordance with official regulations.

### Quality Guarantee

bioBoaVista guarantees the quality of its products as long as they are used according to their respective instructions and in accordance with national and international references. bioBoaVista does not take responsibility for the use of its products for purposes other than those described and approved by the company. All clinical diagnoses should be analyzed in conjunction with clinical evidence and not solely based on laboratory results.

### References

1. Manual de Métodos de Análise Microbiológica de Alimentos, Livraria Varela, 3ª ed., 2007.