

KIT SMK 1 (SWAB MAXIMUM KIT)

(ISO 18593, ISO 6887-1)

Device used for the microbiological monitoring of surfaces by swab sampling method.

DESCRIPTION

System for microbiological monitoring of bacteria and fungi on surfaces consisting of a rayon swab and a test tube containing Maximum Recovery Diluent (Peptone Saline Solution, UNI EN ISO 6887-1).



PRINCIPLE

Maximum Recovery Diluent is a protective and isotonic diluent: the medium contains a low concentration of tryptone which, for 1-2 hours, does not favor microbial multiplication, but protects the microorganisms present in the sample. Enzymatic digest of casein provides amino acids, nitrogen, carbon and minerals. Sodium chloride maintains the osmotic balance of the medium.

MAXIMUM RECOVERY DILUENT:

COMPOSITION	g/L
Tryptone (Enzymatic digest of casein)	1.0
Sodio cloruro	8.5

Final pH 7,0 ± 0,2 at 25°C

WARNING AND PRECAUTIONS

Observe the precautions normally taken when handling laboratory reagents.

Prepared Medium: The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous.

Safety Data Sheet is available on request for professional users.

Disposal of waste must be carried out according to national and local regulations in force.

STORAGE AND STABILITY

KIT SMK 1 (SWAB MAXIMUM KIT)	10-25°C
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KIT SMK 1 is stable until the expiration date indicated on the label under the recommended storage conditions.

PROCEDURE

- 1) Remove the swab and tube containing Maximum Recovery Diluent from the box.
- 2) Open the blister pack and remove the swab from the pack.
- 3) Streak the swab on a surface horizontally and vertically. A Sampling Template 10x10 (REF. **4500/SG/CS**) can be used to delimit and sample an area of 100 cm². To facilitate collection, soak the swab in the solution contained in the tube.
- 4) Return the swab to the tube.
- 5) Screw the cap and record date and the sampling point.
- 6) Transport the device to the laboratory and examine according to methods in use.

QUALITY CONTROL: Maximum Recovery Diluent

Appearance: Clear amber solution

In accordance with the predefined Company Quality System, each lot of **KIT SMK 1** is tested against predetermined specifications to ensure consistent product quality.

REFERENCES

- ISO 18593:2018. Microbiology of the food chain — Horizontal methods for surface sampling.
 - EN ISO 6887-1:2017. Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions.

PRESENTATION

KIT SMK 1 (SWAB MAXIMUM KIT)
Packaging
REF
100 pcs
32090
The kit includes:

n. 100 Tubes (16x100 mm, with internal shaped conical bottom and screw cap, sterile) containing 9 mL of Maximum Recovery Diluent;

n. 100 Rayon Swab (breakable plastic shaft, sterile, in single blister).

STERILE SAMPLING TEMPLATE 10x10 cm
 (sterile, in single blister)

120 pcs 4500/SG/CS

SYMBOLS


Read the instructions

Biological hazard

CE Mark (product complies with the requirements of Regulation (EU) 746/2017)

Temperature limitation

Use by

For in vitro diagnostic use

Manufacturer