

KIT SLK 1 (SWAB LETHEEN KIT)

(ISO 21149)

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

DESCRIPTION

Sampling and transport system for the microbiological examination of cosmetics consisting of a rayon swab and a test tube containing "Letheen Modified Broth" (FDA, UNI EN ISO 21149), that is a liquid medium used for the recovery and cultivation of stressed organisms.



PRINCIPLE

Enzymatic digest of animal casein, enzymatic digest of animal casein and meat extract provide nitrogen, vitamins, minerals and amino acids essential for growth. Yeast extract is a source of vitamins, particularly of group B. Sodium chloride maintains the osmotic balance the medium. Lecithin, sodium bisulfite and polysorbate 80 neutralize quaternary ammonium compounds, phenols, hexachlorophene, formalin and ethanol.

Letheen Modified Broth

COMPOSITION	g/L
Peptone	20.0
Tryptone	5.0
Beef extract	5.0
Yeast extract	2.0
Sodium chloride	5.0
Sodium bisulphite	0.1
Lecithin	0.7
Polysorbate 80	5.0

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 SLK 1 (SWAB LETHEEN KIT) 10-25°C

KIT SLK1 is stable until the expiration date indicated on the label under the recommended storage conditions.

PROCEDURE

- 1) Remove the swab and tube containing Letheen Modified Broth 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: Letheen Modified Broth

Appearance: Clear to lightly hazy, amber

In accordance with the predefined Company Quality System, each lot of **KIT SLK1** is tested against predetermined specifications to ensure consistent product quality.

REFERENCES

1. Bacteriological Analytical Manual, 1995, Food and Drug Administration, 8th Ed., AOAC International, Gaithersburg, MD, U.S.A.
2. Dunningan A. P., 1968, Drug Cosmet. Ind., 102:43.
3. Favero (Chm.), 1967, A State of the Art Report, Biological Contamination Control Committee, American Association for Contamination Control.
4. Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition
5. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock, D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.
6. Smart R. and Spooner D. F., 1972, J. Soc. Cosmet. Chem., 23:721
7. Weber and Black, 1948, Soap Sanitary Chem., 24:134-139
8. Wilson L. A. and Ahearn D. G., 1977, Am. J. Ophthalmol., 84:112. 9.ISO 21149:2017. Cosmetics -- Microbiology -- Enumeration and detection of aerobic mesophilic bacteria.
9. ISO 18593:2018. Microbiology of food and animal feeding stuffs - Horizontal methods for sampling techniques from surfaces using contact plates and swabs.

PRESENTATION

Packaging
REF.
KIT SLK 1 (SWAB LETHEEN KIT)
100 pcs
32070
The kit includes:

- n. 100 Tubes (16x100 mm, with internal shaped conical bottom and screw cap, sterile) containing 10 mL of Letheen Modified Broth;
- 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