CCP

HY-LiTE® Refill pack

Ready prepared Pens to test the cleanliness / hygiene of surfaces in food & drink industry by measuring with the HY-LiTE® 2 luminometer.

Typical composition

Adenosine triphosphate (ATP) is detected specifically by reaction with a luciferin/luciferase reagent in buffered solution.

Features and benefits

- Reliable and convenient surface testing
- Can also be used for CIP liquid testing
- Separate swab
- No residues left on the tested surface
- Dilution factor and unique buffer eliminates interference
- Test procedure takes less than 1 minute
- Patented uptake of sample volume
- Long shelf-life

Experimental procedure

Surfaces in food production like cutting boards or slicing machines, which bear risk of endangering a complete lot of food product, should be controlled by HY-LiTE® routinely. Rinse water samples from cleaning in place (CIP) procedures in tanks or filling heads should also be checked regularly (compare item 1.30102).

Swab the surface of a defined area (10 x 10 cm). Transfer the sample into the rinse solution. Dip the white stick of the pen into the liquid sample and press the stick into the Pen cuvette. Press and twist (screw) the upper part of the Pen until it contacts the lower part. Shake the Pen, then put into luminometer for measurement. Close lid and read the result on the display.

Specification

Application	Primarily examination of cleaning/ sanitation of surfaces in food & drink production
Format	Ready prepared cuvette test format for use with HY-LiTE® 2 luminometer
Swab	Standfard sterile and ATP free swab for use in microbiology
Reagent	Contains freeze-dried and stabilized luciferin/luciferase reagent (U.S. patents 5583024, 5674713, 5700673)
Test parameter	Total ATP
Detection limit	1.4×10^{-14} mol ATP
Interference	For normal application within clean production areas no interferences will occur, due to the built-in dilution step and the unique buffering capacity of the HY-LiTE® pen
Ambient conditions	Measurements at 5-35 °C
Storage conditions	The test pens are stable up to the date stated on the pack, when stored closed at +2 to +8°C. The shelf-life includes a period of transport or storage of up to 3 weeks at room temperature
Disposal	HY-LiTE® pens can be disposed off with the normal household waste.

Literature

DE ZUTTER, L., HELLWIG, K., a. LINDHARDT, C.: ATP method is highly suitable for hygiene monitoring (translated from the Dutch original) - De Keurmeester, 3; 5-10 (1998)

Ordering Information

Product	Merck Cat. No.	Pack content
HY-Lite® Refill pack	1.30101.0021	100 surface test pens