

N-Light™ MaxiSampler

Intended Use

N-Light™ MaxiSamplers and buffers are suitable for sampling food processing areas and equipment as part of an environmental monitoring program. The N-Light™ MaxiSampler has been validated for sampling visually clean surfaces in combination with the following N-Light™ tests and moistening solutions:

N-Light Test	N-Light™ MaxiSampler		
	PBS buffer REF 00060	BPW buffer REF 00062	Neutral-izer REF 00064
REF 00009 			
REF 00048 			
REF 00014 			
REF 00029 			

The N-Light™ MaxiSamplers can also be used with other test methods [e.g., cultural methods or qPCR]:

- Release the MaxiSampler in any 12 to 15 ml screw cap tube containing 5 to 10 ml of a suitable sample dilution buffer or pre-enrichment medium.
- Transfer the cooled sample at 2-8°C to your laboratory.
- Start analysis in the laboratory as soon as possible but no later than 24 hours after sampling (longer time periods may be acceptable if validated for the specific environment and transport conditions).

Materials provided

1. Sterile dry N-Light™ MaxiSamplers with nylon fiber tip and handle in pouch
2. Single packaged sterile reservoirs (one for 5 MaxiSamplers)
3. Sterile screw cap tubes with 5 ml of buffer (one for 5 MaxiSamplers)
 - REF 00060: Phosphate buffered saline (PBS) without neutralizers
 - REF 00062: Buffered peptone water (BPW) without neutralizers
 - REF 00064: N-Light™ neutralizer

Storage and Shelf Life

Storage conditions: +2-30°C / 36-86°F, **DO NOT FREEZE**; store opened buffer tubes in a fridge at +2-8°C and use/dispose within three days.

Shelf life: Guaranteed efficacy up to the expiration date stated on the product label.

Precautions

Swab for persistent biofilms on visually clean surfaces [at least rinsed with water] and do not collect dirt or food residues. Overloaded samples may lead to false results. To prevent sample contamination during environmental sample collection, use aseptic techniques and personal protective equipment (PPE), such as gloves.

Safety

N-Light™ MaxiSamplers and buffers are not hazardous to human health or the environment. When sampling clean food contact surfaces before production, BPW buffer or neutralizer should be removed afterward with a clean cloth moistened with clean water.

Disposal

Dispose of used N-Light™ MaxiSamplers, reservoirs, and buffer tubes with your regular household waste in accordance with local regulations.

Exclusion of warranty and liability

The product is provided on an as-is basis to be used solely in accordance with this instruction for use. NEMIS excludes any guarantee of the quality of food, beverage products, or processes tested with its products. NEMIS excludes all liability for damage to its products. However, should any NEMIS product be found to be damaged, NEMIS, at its sole discretion, may choose to either replace or refund such product. To the extent legally possible, NEMIS will not be liable to users or others for any loss or damage, whether direct or indirect, incidental, or consequential, from either proper or improper use of its products.

Contact Information

If you have any questions or require assistance, please refer to the Frequently Asked Questions [FAQ] and other technical resources available online or contact techsupport@nemistech.com



NEMIS Technologies AG

Riedhofstrasse 11
8804 Au ZH
Switzerland

www.nemistech.com



more info

1. PREPARATION

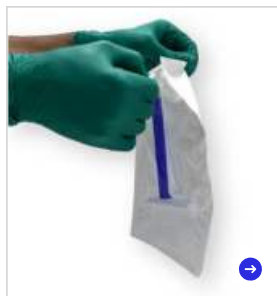
Repeat for 5-6 samples per reservoir and buffer tube



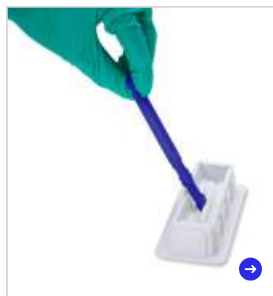
2. SAMPLING



Add the N-Light™ buffer to the sterile reservoir.



Mark/label the pouch according to your test plan. Open the sealed pouch.



Remove the N-Light™ Maxi-Sampler from the pouch and wet it in the buffer.



Store the wetted MaxiSampler again in its pouch and use it within 4 hours.



Sample surface areas of up to 0.3 m² by scraping the area in 3 directions with some force. Place the N-Light™ Maxi-Sampler back into the pouch after sampling and proceed with step 3 within 4 hours.

Tips:

- For sampling wet surfaces, using dry MaxiSamplers is acceptable.
- Use the tip of the MaxiSampler swab to sample grooves and holes in the sampling area.
- Change the inclination of the handle during swabbing.

3. TRANSFER

Procedure depends on the N-Light™ test



N-Light™ *Listeria monocytogenes*
N-Light™ *E. coli*

REF
00009



REF
00029



Open the N-Light™ test tube. Insert the MaxiSampler swab and unclip the swab by turning the handle upwards.



Put the cap back on the test tube and lock the tube [press firmly until you hear a "click"].



Rinsing: Hold tube between thumb and forefinger in horizontal orientation with fiber coating facing down, then incline to one side, then to the other, repeat 10 times



The MaxiSampler swab remains in the tube for the subsequent steps:
4. Incubate
5. Activate
6. Measure

N-Light™ *Salmonella Risk*
N-Light™ *Listeria spp.*

REF
00014



REF
00048



Release the MaxiSampler swab into the N-Light™ test tube and **carefully screw the cap back onto the tube. DO NOT LOCK THE TUBE.**



Rinsing: Hold tube between thumb and forefinger in horizontal orientation with fiber coating facing down, then incline to one side, then to the other, repeat 10 times



Open the test tube again and insert the back of the handle into the MaxiSampler swab. **REMOVE THE SWAB FROM THE TUBE.** Discard the swab.



Salmonella Risk only: Add one starter tablet to the test tube and briefly shake the tube.

All: **NOW LOCK THE TUBE.**

4. INCUBATE



5. ACTIVATE



6. MEASURE

After step "3-Transfer", make sure the tube is fully locked and **start incubation as soon as possible.**

- Follow the instructions of the N-Light™ test used. If available, use the N-Light™ Activation Tool [REF 00008] for the release of the AquaSpark® tablet and make sure the tablet falls into the broth.