

## MEDIA RELEASE

For immediate release

December 16, 2020



---

### **NEMIS Technologies AG Earns AOAC *Performance Tested Method* Certification for its environment monitoring kit N-Light™ *Listeria monocytogenes***

**Duebendorf, Switzerland** - NEMIS Technologies Ltd., a diagnostic startup based in Switzerland announced today that its N-Light™ *Listeria monocytogenes* diagnostic test designed for food safety has officially earned the prestigious AOAC® *Performance Tested Method*™(PTM) Certificate from the AOAC Research Institute in the US, the industry's leading product certification organization.

There's a growing awareness among consumers and food producers about the critical issue of food safety. Microbial contamination of food causes expensive product recalls to the industry and is the source of foodborne infections affecting more than 600 million people and resulting in more than 400'000 deaths each year. There is a clear and increasing need for improved testing and monitoring of the environment in the food chain, however, current detection methods fall short from offering an easy-to-use, rapid, on-site and cost-effective solution due to their dependency on centralized laboratories.

The groundbreaking AquaSpark™ platform technology behind NEMIS N-Light™ tests offers a unique and powerful alternative to existing diagnostic methods providing food producers and processors with the first reliable on-site method that conveniently enables rapid lab-free testing of work surfaces at any point in the supply chain.

Arnaud Muller, the company's CEO, stated: *"We are extremely proud to receive the validation of our N-Light™ Listeria monocytogenes kit from AOAC in the food safety arena. At NEMIS, the team aspire to create a safe food value chain so none of the most vulnerable consumers will be exposed to unsafe products. Thanks to our game-changing innovation, thousands of food producers and processors worldwide determined to maintain high quality standards and protect their brands from damaging product recalls, will be able to improve the safety and quality of their products while driving cost-savings. We will be launching very soon in Switzerland and in Europe."*

Dr. Mario Hupfeld, the company's CSO added: *"Our goal was to develop and validate a Listeria monocytogenes environmental monitoring protocol that provides food customers in the least amount of time possible with the information they require to implement an effective seek and destroy approach without delay. Our revolutionary protocol identifies Listeria monocytogenes with matchless sensitivity and specificity, yielding results from an environmental swab overnight. This protocol from sampling collection to results reading and interpretation can be performed by anyone at any time and on-site thanks to our innovative biosafety cap"*.

## **About NEMIS Technologies Ltd and the AquaSpark™ Technology**

NEMIS Technologies Ltd. ([www.nemistech.com](http://www.nemistech.com))

Co-founded in 2018 by Biosynth AG and Ramot, the tech transfer office of the Tel-Aviv University, NEMIS is a Swiss diagnostic company transforming microbiological detection in the fields of food safety, clinical diagnostics, water safety and animal health. We empower users to minimize microbiological risk by providing a unique lab-free detection system that is simple to use.

AquaSpark™ is a groundbreaking platform technology consisting of synthetic molecules designed to detect live bacteria using chemiluminescence (production of light from a chemical reaction). The chemiluminescence produced by AquaSpark™ is 1000 times brighter than traditional chemiluminescent molecules: this makes NEMIS' solution a cutting-edge technology for sensitive detection across a wide range of applications.

## **About AOAC**

The AOAC Research Institute, a subsidiary of AOAC International ([www.aoac.org](http://www.aoac.org)), is a globally recognized, independent, not-for-profit corporation which promotes and conducts activities to help the diagnostic industry develop, improve, and validate proprietary testing methods.

The AOAC-RI PTM evaluations consist of rigorous studies covering inclusivity/exclusivity, product consistency, stability, robustness and matrix studies. This approval certifies that NEMIS N-Light™ method performs equivalent or better than the standard ISO reference methods.

**Dedication to Patrice Arbault who has made this possible.**

## **Media contact – NEMIS Technologies AG**

Franziska Gartenmann

Marketing Manager

+41 78 206 00 49

[franzisca.gartenmann@nemistech.com](mailto:franzisca.gartenmann@nemistech.com)