

N-Light™ *Salmonella* risk

NEMIS product REF 00014

Product description



N-Light™ *Salmonella* Risk is a qualitative test method for rapid evaluation of the contamination risk for the foodborne bacterial pathogen *Salmonella* and a small selection of closely related bacteria that share specific metabolic and genetic markers. The test method is suitable for use in food processing areas and equipment as part of an environmental monitoring program. Final test results are available 24h after sampling.



Storage conditions: 2-8 °C / 36-46 °F, **DO NOT FREEZE**

Transport conditions: ambient (short duration only)

HS tariff number 38221900
Country of origin CH

Each test consists of the following components:

- N-Light™ Biosafety Tube, filled with N-Light™ *Salmonella* Risk Enrichment Broth, 2 ml
- N-Light™ Dispensing Closure, containing the *Salmonella* Risk AquaSpark®/Lysis tablet, 1 pc. / 15 mg
- N-Light™ *Salmonella* Risk Starter Tablet, 1 pc. / 45 mg, separately packaged in the Starter Tablet Dispenser

Technical specifications

NEMIS tests each production batch against the specifications listed below.

General characteristics	Specification
Broth general appearance	Yellowish, clear waterlike solution
Broth visible turbidity	No particles
Broth optical density [A_{600nm}]	< 0.10
Broth Volume	1.80 – 2.20 ml
Broth pH value	7.20 – 7.60
Functionality test (Background)	< 10'000 RLU (NEMIS Luminometer)
Quantity of AquaSpark®, selective agents and lysis agents	Internal specification

Microbial performance	Specification
Sterility control	No growth, 7 days @ 37 °C
<i>Salmonella javiana</i> N2427-08	Positive result
<i>Salmonella typhimurium</i> ATCC 14028	Positive result
<i>Klebsiella pneumoniae</i> ATCC 13882	Negative result
<i>Citrobacter freundii</i> CF#11	Negative result
<i>Cronobacter dublinensis</i> DSM 18797	Negative result
<i>E. coli</i> ATCC 11303	Negative result
<i>Enterobacter cloacae</i> ATCC 23373	Negative result

Certificates of analysis are available on request.

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Packaging specifications

General characteristics	Primary packaging [test tube]	Secondary packaging [product box]	Tertiary packaging [distributor box]
Amount	1 test	50 tests [1 x 50]	300 tests [6 x 50]
Starter Tablet Dispenser	Not included*	Included	Included
N-Light™ Tablet Dispenser Tool	Not included ^o	Not included ^o	Not included ^o
Bar code / GTIN	See below	7649994979249	7649994979256
Length	1.9 cm	29.0 cm	40.5 cm
Width	1.9 cm	11.5 cm	30.8 cm
Height	11.1 cm	12.1 cm	26.2 cm
Net weight	0.010 kg	0.650 kg	4.250 kg
Total plastic amount	0.008 kg	0.390 kg	2.340 kg
Non-reusable plastic amount			
- in the product	0.008 kg	0.389 kg	2.334 kg
- in the packaging	0.000 kg	0.001 kg	0.006 Kg

Lot and serial number of the test

Each test has a unique number printed on the tube label. The human readable format is LLLLLLL-XXXXX.

Additionally, this number is encoded without the hyphen in a linear barcode of type Code 128:

- LLLLLLL: 7-digit lot number
- XXXXX: 5-digit consecutive number

*) Each product box contains 50 tests and one separate Starter Tablet Dispenser containing 50 Starter Tablets. The dispenser is packaged in a sealed aluminum pouch and labeled with a separate lot number.

o) The reusable N-Light™ Tablet Dispenser Tool is not included and needs to be ordered separately [NEMIS product REF 00018].



Additional information

Description	Document ID	Availability
Price list, product demo	n/a	Please contact sales@nemistech.com
Sales brochure, white papers, application notes	n/a	www.nemistech.com
Instructions for use [IFU]	Q10060	www.nemistech.com
Material Safety Data Sheet [MSDS]	Q00049	www.nemistech.com
AOAC certificate	Q00056	www.nemistech.com
Shipping and storage conditions for N-Light™ tests	Q00077	www.nemistech.com
Frequently asked questions [FAQ]	n/a	www.nemistech.com
Halal statement	Q00198	on request, techsupport@nemistech.com
List of validated lab confirmation methods	Q00084	on request, techsupport@nemistech.com
Protocol for validation of method	Q00085	on request, techsupport@nemistech.com
Certificates of analysis [CoA's]	n/a	on request, techsupport@nemistech.com