

N-Light™ *E. coli*

NEMIS product REF 00029

Product description



N-Light™ *E. coli* is a qualitative test for rapid detection of the bacterial hygiene indicator *Escherichia coli*. The test method is suitable for use in food processing areas and equipment as part of an environmental monitoring program and can also be used for testing process water and other liquid samples. Final test results are available 16h 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™ *E. coli* Enrichment Broth, 2 ml
- N-Light™ Dispensing Closure, containing the N-Light™ *E. coli* AquaSpark® tablet, 1 pc. / 15 mg

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 (OD ₆₀₀)	< 0.10
Broth Volume	1.80 – 2.20 ml
Broth pH value	7.20 – 7.60
Functionality test (Background)	< 5'000 RLU [NEMIS Luminometer]
Quantity of AquaSpark®	Internal specification

Microbial Performance	Specification
Sterility control	No growth, 7 days @ 37 °C
<i>E. coli</i> ATCC 11303	Positive result
<i>E. coli</i> ATCC 35218	Positive result
<i>Citrobacter freundii</i> BC-SM 67	Negative result
<i>Klebsiella pneumoniae</i> ATCC 13882	Negative result
<i>Bacillus licheniformis</i> BC-LM 29.12	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]
Bar code / GTIN	See below	7649994979287	7649994979294
Length	1.9 cm	26.2 cm	36.3 cm
Width	1.9 cm	11.5 cm	27.4 cm
Height	11.1 cm	11.6 cm	24.4 cm
Net weight	0.010 kg	0.600 kg	3.950 kg
Total plastic amount	0.008 kg	0.376 kg	2.256 kg
Non-reusable plastic amount			
- in the product	0.008 kg	0.375 kg	2.250 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

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]	10154	www.nemistech.com
Material Safety Data Sheet [MSDS]	Q00091	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	Q00184	on request, techsupport@nemistech.com
Certificates of analysis [CoA's]	n/a	on request, techsupport@nemistech.com