

N-Light™ ATP

NEMIS product REF 00031

Product description



N-Light™ ATP is a quantitative test for rapid screening of the amount of Adenosine Triphosphate [ATP] present on surfaces, equipment, or in solution, which indicates the level of contamination with microbes and/or food residues. This test is valuable for maintaining high standards of hygiene and cleanliness in food producing and processing facilities. Final test results are available 10s 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™ ATP assay buffer, 2 ml
- N-Light™ Dispensing Closure, containing the N-Light™ ATP tablet, 1 pc. / 15 mg

Technical specifications

NEMIS tests each production batch against the specifications listed below.

General characteristics	Specification
Assay buffer general appearance	Clear waterlike solution
Assay buffer visible turbidity	No particles
Assay buffer optical density [OD ₆₀₀]	< 0.05
Assay buffer Volume	1.80 – 2.20 ml
Assay buffer pH value	6.80 – 7.20

Test performance	Specification
Background luminescence	< 700 RLU
Luminescence with 0.5 nM ATP	> 25'000 RLU
Luminescence with 5 nM ATP	> 250'000 RLU
Luminescence with Gram negative bacteria <i>Escherichia coli</i> , 5x10 ⁵ CFU/ml	> 10'000 RLU
Luminescence with Gram positive bacteria <i>Staphylococcus aureus</i> , 5x10 ⁵ CFU/ml	> 15'000 RLU

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	7649994979300	7649994979317
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	Doc. REF	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]	Q10169	www.nemistech.com
Material Safety Data Sheet [MSDS]	Q00137	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
Certificates of analysis [CoA's]	n/a	on request, techsupport@nemistech.com