

ON-SITE DETECTION, LAB-GRADE RESULTS, UNDER 90 MINUTES



Listeria monocytogenes



Take action before it's too late

FAST

- Isolate at-risk batches before shipment,
- Release compliant batches without waiting on the lab.



Take control of your testing

SIMPLE

- Choose when and where to test,
- Keep sensitive data in-house.



Protect your production and brand

RELIABLE

- Performance equivalent to reference methods,
- Lower risk of product recall.

VALIDATED METHOD

against the international reference standard

AOAC RI Performance Tested MethodsSM 082603



PERFORMANCE TESTED

AOAC
RESEARCH INSTITUTE

LICENSE NUMBER 082603

APPLICATIONS

Environmental control

WITHOUT ENRICHMENT

- Secure your production environment,

Product control

WITH ENRICHMENT

- Validate incoming raw materials,
- Verify finished products.

Target

Listeria monocytogenes

Shelf life

12 months - Room temperature

Matrices

Environmental surfaces / Food products



PERFORMANCE DATA *

All validations are carried out in accordance with the **ISO 16140-2** standard and the **AOAC-R1** guidelines.

RLOD - RELATIVE LIMIT OF DETECTION

Environmental control (without enrichment)	1.4
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Product control (with enrichment)	1.0
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DPOD - DIFFERENCE PROBABILITY OF DETECTION

Environmental control (without enrichment)	$\overset{0}{[-0,27 ; 0,27]}$
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Product control (with enrichment)	$\overset{0}{[-0,19 ; 0,21]}$
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SENSITIVITY ACCEPTANCE LIMIT

Environmental control (without enrichment)	Compliant
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Product control (with enrichment)	Compliant
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ENVIRONMENTAL CONTROL WITHOUT ENRICHMENT

90 minutes



Sampling



Extraction



Amplification



Result

PRODUCT CONTROL WITH ENRICHMENT

24 hours



Sampling



Enrichment



Extraction



Amplification



Result

*For further details on performance data, please contact Loop Dee Science.

contact@loopdeescience.com

www.loopdeescience.com

+33 (0)2 31 73 07 91

