



Validation of alternative  
analysis methods

NF102 – Application to the food industry

# Certificate

Certificate No.: **ABI 29/05-12/11**

Renewal decision dated: **31-10-2023**

Expiry date: **01-12-2027**

The Company:

**Life Technologies Corporation**  
**Thermo Fisher Scientific**  
5791 Van Allen Way  
Carlsbad, CA 92008-7321  
USA

Is authorized to affix the NF VALIDATION mark on the alternative analysis method cited below, in accordance with the NF VALIDATION general rules and the certification rules NF102 - Validation of alternative analysis methods (Application to the food industry):

## MicroSEQ™ *Listeria monocytogenes*

Validated for the detection of *Listeria monocytogenes*

Technical sheet  
reference's

**MAN0030109 Rev A.0**

This decision attests that the alternative analysis method has been assessed by AFNOR Certification and found to conform to the standards cited in page 2/2 and complementary requirements, as specified in the certification reference document. The **principal certified characteristics** are the "analytical performances" as defined in the associated validation study summarized report (sensitivity, relative level of detection), available on the certification dedicated website <http://nf-validation.org/en>.

This certificate supersedes all previous certificates (last version dated 30-01-2020). This NF VALIDATION certificate, included 2 pages, is valid until **December 01<sup>th</sup>, 2027**. It is subject to the results obtained upon regular controls carried out by AFNOR Certification. Appropriate decision is made by AFNOR Certification in accordance with the NF VALIDATION general rules and certification rules NF102 - Validation of alternative analysis methods (Application to the food industry).



Managing Director  
Julien NIZRI

Issue dated 31/10/2023

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The alternative analysis method:

## MicroSEQ™ *Listeria monocytogenes*

Validated for the detection of *Listeria monocytogenes*.

Manufactured by:

**Thermo Fisher Scientific Baltics UAB**

V.A. Graiciuno

Vilnius LT-02241, LITHUANIA

Has been certified according to the reference documents and the application scope specified here after:

Validation protocol	<b>NF EN ISO 16140-2</b> (September 2016): Microbiology of the food chain. Method validation - Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method.
Reference method(s)	<b>NF EN ISO 11290-1</b> (July 2017) : Microbiology of the food chain - Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. - Part 1 : detection method
Scope	In meat products, dairy products, fishery products, vegetables and industrial production environmental samples.
Restriction(s)	None.
Warning	None.
Other information	Non applicable.

Please send any queries concerning the performances of the certified alternative method to AFNOR Certification.

You may download the validation study **summarized report** on <http://nf-validation.afnor.org/en>.