



Validation of alternative
analysis methods

NF102 – Application to the food industry

Certificate

Certificate No.: **ABI 29/04-12/11**

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* spp.

Validated for the detection of *Listeria* spp.

Technical sheet
reference's

MAN0030110 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 01th, 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

Page 1/2



Validation of alternative
analysis methods

NF102 – Application to the food industry

Certificate

Certificate No.: **ABI 29/04-12/11**

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

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

The alternative analysis method:

MicroSEQ™ *Listeria* spp.

Validated for the detection of *Listeria* spp.

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	NF EN ISO 16140-2 (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)	NF EN ISO 11290-1 (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 (excluding raw poultry meat for the Rapid Spin protocol), 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>.

CERTI F 2022.1 08/2020

Issue dated 31/10/2023

Page 2/2