



Validation of alternative
analysis methods

NF102 – Application to the food industry

Certificate

Certificate No.: **ABI 29/02-09/10**

Renewal decision dated: **24-06-2026**

Expiry date: **24-09-2030**

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® *Salmonella* spp.

Validated for the detection of *Salmonella* spp.

Technical sheet
reference's

MAN0010012 Revision E (all versions E covered)

MAN0018459 Revision E (all versions E covered)

MAN1001184 Revision B (all versions B covered)

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, inclusivity and exclusivity), available on the certification dedicated website <http://nf-validation.org/en>.

This certificate supersedes all previous certificates (last version dated 01-04-2025). This NF VALIDATION certificate, included 2 pages, is valid until **September 24th, 2030**. 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 of AFNOR Certification
Julien NIZRI

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The alternative analysis method:

MicroSEQ[®] *Salmonella* spp.

Validated for the detection of *Salmonella* spp.

Manufactured by:

Life Technologies Ltd
Thermo Fisher Scientific
7 Kingsland Grange
Warrington - Cheshire WA1 45R, UK

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 6579-1 (April 2017) and its amendment A1 (March 2020): Microbiology of the food chain- Horizontal method for the detection, enumeration and serotyping of <i>Salmonella</i> - Part 1: Detection of <i>Salmonella</i> spp. - Amendment 1: Extension of the incubation temperature range, amendment of the status of Annex D and correction of the composition of MSRV and SC media.
Scope	All human food products (by performing validation assays on a broad range of foods), feed products (including pet food products) and primary production environmental samples.
Restriction(s)	None.
Warning	None.
Other information	The scope includes the use of the software Applied Biosystems™ RapidFinder™ Express version 2.0 or later used with Applied Biosystems™ 7500 Fast instrument and equivalent (same characteristics) manufactured by Thermo Fisher Scientific.

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>.

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