Dear Madam,

Following the positive agreement expressed on March 22nd, 2018, by the Technical Board of the NF VALIDATION mark (NF102), in its application to the food industry, I beg to inform you that the NF VALIDATION certification has been renewed for the following alternative method:

**Thermo Scientific™ SureTect™ Salmonella species PCR Assay**

Certificate reference No. UNI 03/07-11/13, with end of validity 4th-November-2021

The alternative method has been validated for the detection of *Salmonella* spp. in all human food products (by performing validation assays on a broad range of foods), pet food and production environmental samples (excluding environment from primary production), by comparison to the reference method NF EN ISO 6579-1 (2017) and following the validation protocol NF EN ISO 16140-2 (2016).

A further letter will mention full conclusions and possible reservations made by the Technical Board. If reservations are mentioned, I ask you to take them into account without any delay.

Yours Sincerely,

Managing Director
Franck LEBEUGLE
Dear Madam,

The NF VALIDATION certificate of the following alternative method:

| Thermo Scientific™ SureTect™ Salmonella species Assay | Ref. UNI 03/07-11/13 |

was going to expire on November 4th, 2017, before that complete results of the renewal study may be examined by the Technical Board of the NF VALIDATION mark (NF102), in its application to the food industry.

Following the positive agreement of the dedicated Technical Board, I declare that you can continue to refer to this certificate till May 31st, 2018.

Yours Sincerely.

Managing Director
Franck LEBEUGLE
Dear Madam,

The NF VALIDATION certificate of the following alternative method:

| Thermo Scientific™ SureTect™ Salmonella species Assay | Certificate No. UNI 03/07-11/13 |

will expire on November 4th, 2017 before that complete results of the renewal study may be examined by the Technical Board of the NF VALIDATION mark (NF102), in its application to the food industry.

Following the positive agreement of the Technical Board, I declare that you can continue to refer to this certificate till November 30th, 2017.

Yours Sincerely,

[Signature]
Managing Director
Franck LEBEUGLE
Dear Madam,

Following the positive agreement expressed on March 24th, 2017, by the Technical Board "Food microbiology" of the NF VALIDATION mark (NF102), I beg to inform you that the extension of NF VALIDATION certification has been granted to Oxoid Thermo Fisher Scientific Company for the following alternative method:

**Thermo Scientific™ SureTect™ Salmonella species PCR Assay**

Certificate reference No. UNI 03/07-11/13, with end of validity 4th-november-2017

This validation extension allowed to validate the use of ABI 7500 Fast instrument with ABI RapidFinder Express software V2.0 for results analysis and interpretation for "seafood and vegetables". The full validation study has been also updated according to the new validation protocol NF EN ISO 16140-2 (2016), with use of NF EN ISO 6579 (2002) as reference method.

The alternative method is validated for the detection of *Salmonella* spp. with use of (1) ABI 7500 Fast instrument and ABI RapidFinder Express software V2.0 for "meat products", "milk and dairy products", "powdered infant formula", "seafood and vegetables" and "environmental production samples (excluding environment from primary production)"; (2) SureTect PikoReal instrument and SureTect software V1.2 for "meat products", "milk and dairy products", "seafood and vegetables", "egg products" and "pet food".
A further letter will mention full conclusions and possible reservations made by the Technical Board. If reservations are mentioned, I ask you to take them into account without any delay.

Yours Sincerely.

Managing Director
Franck LEBEUGLE
Dear Sir,

Following the positive agreement expressed on June 30th, 2016, by the Technical Board "Food microbiology" of the NF VALIDATION mark (NF102), I beg to inform you that the extension of NF VALIDATION certification is granted to Oxoid Thermo Fisher Scientific Company for the following analysis method:

**Thermo Scientific SureTect Salmonella species PCR Assay**

*Certificate reference No. UNI 03/07-11/13, with end of validity 4-Nov.-2017*

The alternative method is validated by comparison to the reference method NF EN ISO 6579 (2002), and according to the validation protocol NF EN ISO 16140 (2003). This extension allowed to validate (1) the use of ABI 7500 Fast instrument used with ABI RapidFinder Express software V2.0 for results analysis and interpretation for meat and dairy products, powdered infant formula and production environmental samples; (2) a new enrichment protocol for dairy products to analyze samples with SureTect PilkoReal instrument used with SureTect software V1.2.

A further letter will mention full conclusions and possible reservations made by the Technical Board. If reservations are mentioned, I ask you to take them into account without any delay.

Yours Sincerely.

Managing Director
Franck LEBEUGLE
Certificate No.: UNI 03/07-11/13
Extension decision dated: 21-03-2014
Expiry date: 04-11-2017

The Company:
Oxoid Ltd, Part of Thermo Fisher Scientific
Wade Road, Basingstoke, Hampshire
RG24 8PW - United Kingdom

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):

Thermo Scientific™ SureTect™ Salmonella species PCR Assay

Validated for the detection of Salmonella spp.

Technical sheet reference's D11908_07

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. This NF VALIDATION certificate, included 2 pages, is valid until 04th November 2017. 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
Franck LEBEUGLE
The alternative analysis method:

**Thermo Scientific™ SureTect™ Salmonella species PCR Assay**

Validated for the detection of *Salmonella* spp.

Manufactured by:

Thermo Fisher Scientific Oy
Ratatie 2, PO BOX 100
Vantaa 01621 - Finland

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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Reference method(s)</td>
<td>NF EN ISO 6579 (December 2002): Microbiology of food and animal feeding stuffs. Horizontal method for the detection of <em>Salmonella</em> spp.</td>
</tr>
<tr>
<td>Scope</td>
<td>All human food products and pet food.</td>
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<tr>
<td>Restriction(s)</td>
<td>None.</td>
</tr>
<tr>
<td>Warning</td>
<td>None.</td>
</tr>
<tr>
<td>Other informations</td>
<td>The scope includes the use of SureTect PikoReal 24 PCR Instrument with the SureTect Software v1.2.</td>
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Please send any queries concerning the performances of the certified alternative method to AFNOR Certification.