Dear Madam,

Following the positive agreement expressed on November 24th, 2016, by the Technical Board "Food microbiology" of the NF VALIDATION mark (NF102), I beg to inform you that the NF VALIDATION certification has been renewed for the following analysis method:

**GeneDisc Salmonella spp.**

Certificate reference No. GEN 25/05-11/08, with end of validity 28-novembre-2020

The alternative method has been validated for the detection of Salmonella spp. in all human food and feed products by performing validation assays on a broad range of foods, by comparison to the reference method NF EN ISO 6579 (2002) 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
Certificate

Certificate No: GEN 25/05-11/08
Extension decision dated: 14-10-2015
Expiry date: 28-11-2016

The Company:

Pall GeneDisc Technologies
1, rue du Courtil, Centre CICEA
35170 Bruz - France

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):

GeneDisc® Salmonella spp.

Validated for the detection of Salmonella spp.

Technical sheet reference's:

<table>
<thead>
<tr>
<th>IFU</th>
<th>Part Numbers</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>GeneDisc Plate Salmonella spp.</td>
<td>GSLMSPP206006 &amp; GSLMSPP212006</td>
<td>FBIFUGDSSPPENA</td>
</tr>
<tr>
<td>GeneDisc Pathogenic E. coli O157 &amp; Salmonella spp</td>
<td>GECOSLM206006 &amp; GECOSLM212006</td>
<td>FBIFUGDECO157SSPPENA</td>
</tr>
<tr>
<td>GeneDisc Plate STEC &amp; Salmonella spp.</td>
<td>GSTECSL206006 &amp; GSTECSL212006</td>
<td>FBIFUGDSTECSSPPENA</td>
</tr>
</tbody>
</table>

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 detection level ...), available on the certification dedicated website http://nf-validation.org/en.

This certificate supersedes all previous certificates (last version dated 18-12-2014). This NF VALIDATION certificate, included 2 pages, is valid until 28th November 2016. 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 LEBEOUGLE

Issue date: 18-11-2015
Certificate No: GEN 25/05-11/08
Extension decision dated: 14-10-2015
Expiry date: 28-11-2016

The alternative analysis method:

GeneDisc® Salmonella spp.

Validated for the detection of Salmonella spp.

Manufactured by:
PathGeneDisc Technologies
1, rue du Courtil, Centre CIGEA
38170 Brux - France

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

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Reference method(s)</td>
<td>NF EN ISO 6579 (December 2002): Microbiology of food and animal feedings stuffs. Horizontal method for the detection of Salmonella spp.</td>
</tr>
<tr>
<td>Scope</td>
<td>All human and animal food products.</td>
</tr>
<tr>
<td>Restriction(s)</td>
<td>None.</td>
</tr>
<tr>
<td>Warning</td>
<td>None.</td>
</tr>
<tr>
<td>Other informations</td>
<td>Non applicable.</td>
</tr>
</tbody>
</table>

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.