



Validation of alternative analysis methods

NF102 – Application to the food industry

# Certificate

Certificat No.: **3M 01/08-06/01**  
Renewal decision dated: 01-07-2016  
Expiry date: 14-06-2021

The Company:

**3M Health Care**  
Food Safety Department  
2501 Hudson Road, Building 275 5W 05  
St Paul, Minnesota 55144 - United States

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):

## 3M™ Petrifilm™ Select *E. coli* Count (SEC) Plate

Validated for the enumeration of  $\beta$ -glucuronidase positive *Escherichia coli*

Technical sheet reference's

34-8717-2954-6

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 (linearity, relative accuracy...), available on the certification dedicated website <http://nf-validation.org/en>.

This certificate supersedes all previous certificates (last version dated 03-04-2017). This NF VALIDATION certificate, included 2 pages, is valid until **14<sup>th</sup> June 2021**. 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

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The alternative analysis method:

## 3M™ Petrifilm™ Select *E. coli* Count (SEC) Plate

Validated for the enumeration of  $\beta$ -glucuronidase positive *Escherichia coli*

Manufactured by:

3M Health Care  
3M Brookings  
601, 22<sup>nd</sup> Avenue South  
Brookings, South Dakota 57006 - United States

3M Wroclaw  
ul. Kowalska 143  
51-424 Wroclaw - Poland

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

|                     |  |
|---------------------|--|
| Validation protocol | NF EN ISO 16140 (October 2003): Microbiology of food and animal feeding stuffs. Protocol for the validation of alternative methods.  |
| Reference method(s) | NF ISO 16649-2 (July 2001): Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of $\beta$ -glucuronidase-positive <i>Escherichia coli</i> - Part 2: colony-count technique at 44°C using 5-bromo-4-chloro-3-indolyl $\beta$ -D-glucuronate. |
| Scope               | All human food products, pet food and production environmental samples.  |
| Restriction(s)      | None.  |
| Warning             | None.  |
| Other informations  | 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>.

