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Ref.: SSO/JFY/NF102/Clients/3M Health Care/
Avis BT_3M Petrifilm CC totaux_2018-05-17_(R7).docx

Subject: NF VALIDATION mark

3M FRANCE
Mrs Marie-Pierre COPIN
Boulevard de l'Oise
F-95006 Cergy Cedex
FRANCE

La Plaine Saint-Denis, May 17th, 2018

Dear Madam,

Following the positive agreement expressed on May 17th, 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:

3M™ Petrifilm™ Coliform Count (CC) Plate

Certificate reference No. 3M 01/02-09/89 A, with end of validity 09th-June-2022

The alternative method has been validated for the enumeration of total coliforms reading all colonies in all human food products by performing validation assays on a broad range of foods (except raw shellfish), pet food and production environmental samples, by comparison to the reference method NF ISO 4832 (2006) 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





Validation of alternative analysis methods

NF102 – Application to the food industry

Certificate

Certificat No.: **3M 01/02-09/89 A**
Extension decision dated: **06-02-2015**
Expiry date: **09-06-2018**

The Company:

3M Health Care
2501 Hudson Road
Building 275 5W 05
MN 55144 - IWO - St Paul - 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):

3M™ Petrifilm™ Coliform Count (CC) Plate

Validated for the enumeration of total coliforms reading all colonies

Technical sheet reference's

34-8717-3405-8

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 03-09-2010). This NF VALIDATION certificate, included 2 pages, is valid until **9th June 2018**. 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

Issue dated 05-11-2015

Page 1/2



Validation of alternative analysis methods
NF102 – Application to the food industry

Certificate

Certificat No.: **3M 01/02-09/89 A**
Extension decision dated: 06-02-2015
Expiry date: 09-06-2018

The alternative analysis method:

3M™ Petrifilm™ Coliform Count (CC) Plate

Validated for the enumeration of total coliforms reading all colonies

Manufactured by:

3M Brookings
601 22nd Avenue South
Brookings South Dakota - 57006 - USA

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 4832 (July 2006): Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coliforms - Colony count technique.
Scope	All human food products (except raw shellfish), pet food and industrial environmental samples.
Restriction(s)	None.
Warning	None.
Other informations	The method can be used at 30°C and 37°C. Note that results obtained at 30°C have not necessarily the same significance to those obtained at 37°C. The NF Validation mark is granted for a use of the method at 30°C and 37°C, but the validation study was performed at 30°C.

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>.

