



Validation of alternative
analysis methods

NF102 – Application to the food industry

Certificate

Certificate No.: **3M 01/01-09/89**

Extension decision dated: **05-08-2025**

Expiry date: **10-09-2029**

The Company:

NEOGEN Food Safety Corporation
620 Leshar Place, Lansing
Michigan 48912, 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):

Neogen® Petrifilm® Aerobic Count Plate

Validated for the enumeration of mesophilic aerobic flora

Technical sheet
reference's

FS00844C

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

This certificate supersedes all previous certificates (last version dated 04-07-2025). This NF VALIDATION certificate, included 2 pages, is valid until **September 10th, 2029**. 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
Julien NIZRI

Issue dated 05/08/2025

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The alternative analysis method:

Neogen® Petrifilm® Aerobic Count Plate

Validated for the enumeration of mesophilic aerobic flora

Manufactured by:

3M Health Care
601 22nd Avenue South
P.O. Box 5227 Brookings SD, USA

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 4833-1 (October 2013) and its amendment A1 (January 2022) : Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1 : colony count at 30 °C by the pour plate technique - Amendment 1 : Clarification of scope
Scope	All human food products (by performing validation assays on a broad range of foods), pet food products and industrial production environmental samples.
Restriction(s)	None.
Warning	None.
Other informations	The scope includes the option of using a single plate and a single dilution (refer to the method's instructions for use). Plates can be read using the Petrifilm Plate Reader Advance (PPRA) instrument, validated with software version 4.1 and lower.

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>.