



Validation of alternative analysis methods

NF102 – Application to the food industry

# Certificate

Certificate No.: **BRD 07/07-12/04**

Renewal decision dated: **03-10-2024**

Expiry date: **02-12-2028**

The Company:

**BIO-RAD**

3 Bd Raymond Poincaré  
92430 Marnes La Coquette 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):

## RAPID' *E. coli* 2 (*E. coli* 37°C)

Validated for the enumeration at 37°C of  $\beta$ -glucuronidase positive *Escherichia coli*

Technical sheet  
reference's

10000243822 Ver A

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 22-06-2023). This NF VALIDATION certificate, included 2 pages, is valid until **December 2<sup>nd</sup> 2028**. 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 04/10/2024

Page 1/2



Validation of alternative analysis methods

NF102 – Application to the food industry

# Certificate

Certificate No.: **BRD 07/07-12/04**

Renewal decision dated: **03-10-2024**

Expiry date: **02-12-2028**

The alternative analysis method:

## **RAPID'E. coli 2 (E. coli 37°C)**

Validated for the enumeration at 37°C of  $\beta$ -glucuronidase positive *Escherichia coli*

Manufactured by:

**BIO-RAD**

Route de Cassel

59114 STEENVOORDE FRANCE

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

Validation protocol	<b>NF EN ISO 16140-2</b> (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)	<b>NF ISO 16649-2</b> (July 2001) : Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of B-glucuronidase-positive <i>Escherichia coli</i> - Part 2 : colony-count technique at 44 °C using 5-bromo-4-chloro-3-indolyl B-D-glucuronate
Scope	All human food products (by performing validation assays on a broad range of foods), industrial production environmental samples and animal feed products.
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>.