



4th quarter 2021, No. 118

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STANDARDS - REGULATIONS

STANDARDS, DRAFT STANDARDS

Classification in alphabetical order by theme

ISO standards under development

MICROBIOLOGY OF THE FOOD CHAIN	
ISO/DIS 15213-1 October 2021	MICROBIOLOGY OF THE FOOD CHAIN Horizontal method for the detection and enumeration of <i>Clostridium</i> spp. – Part 1: Enumeration of sulphite-reducing <i>Clostridium</i> spp. by colony count technique
ISO/DIS 20976-2 October 2021	MICROBIOLOGY OF THE FOOD CHAIN Requirements and guidelines for conducting challenge tests of food and feed products — Part 2: Challenge tests to study inactivation potential and kinetic parameters
ISO/DIS 10272-1/DAMD 1 January 2022	MICROBIOLOGY OF THE FOOD CHAIN Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. — Part 1: Detection method — Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant <i>Campylobacter</i> spp., and correction of the performance testing of the media
ISO/DIS 10272-2/DAMD 1 January 2022	MICROBIOLOGY OF THE FOOD CHAIN Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. — Part 2: Colony-count technique — Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant <i>Campylobacter</i> spp., and correction of the performance testing of the media
QUANTITATIVE NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY	
ISO/DIS 24583 November 2021	QUANTITATIVE NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY Purity determination of organic compounds used for foods and food products – General requirements
STATISTICS	
ISO/DIS 5725-3 January 2022	Accuracy (trueness and precision) of measurement methods and results – Part : ; Intermediate precision and alternative designs for collaborative studies

ISO published standards

CHEESE	
ISO 24223 (IDF 253) November 2021	CHEESE Guidance on sample preparation for physical and chemical testing
LABORATORY GLASS AND PLASTIC WARE	
ISO 4787 November 2021	LABORATORY GLASS AND PLASTIC WARE Volumetric instruments – Methods for testing of capacity and for use <i>Replace ISO 4787:2010</i>
MICROBIOLOGY OF THE FOOD CHAIN	
ISO 20836 November 2021	MICROBIOLOGY OF THE FOOD CHAIN Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of microorganisms — Thermal performance testing of thermal cyclers <i>Replace ISO/TS 20836:2005</i>
ISO 4833-1/Amd 1 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
MILK, MILK PRODUCTS AND INFANT FORMULA	
ISO 23970 September 2021	MILK, MILK PRODUCTS AND INFANT FORMULA Determination of melamine and cyanuric acid by liquid chromatography and tandem mass spectrometry (LC-MS/MS)

STANDARDS - REGULATIONS

SENSORY ANALYSIS

ISO 11132 September 2021	SENSORY ANALYSIS Methodology – Guidelines for the measurement of the performance of a quantitative descriptive sensory panel
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STATISTICS

ISO/TR 27877 October 2021	Statistical analysis for evaluating the precision of binary measurement methods and their results
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UNCERTAINTY OF MEASUREMENT

ISO/IEC GUIDE 98-6 February 2021	UNCERTAINTY OF MEASUREMENT Part 6: Developing and using measurement models
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NEW EU REGULATIONS

Classification is established in alphabetical order of the first keyword

FLAVOURINGS

O.J.E.U. L 389, 4th November 2021 – Commission Regulation (EU) 2021/1916 of 3 November 2021 amending Annex I to Regulation (EC) No 1334/2008 of the European Parliament and of the Council as regards the inclusion of 4- amino-5-(3-(isopropylamino)-2,2-dimethyl-3-oxopropoxy)-2-methylquinoline-3-carboxylic acid in the Union list of flavourings

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.389.01.0011.01.ENG

O.J.E.U. L 389, 4th November 2021 – Commission Regulation (EU) 2021/1917 of 3 November 2021 amending Annex I to Regulation (EC) No 1334/2008 of the European Parliament and of the Council as regards the inclusion of 2-(4-methylphenoxy)-*N*-(1*H*-pyrazol-3-yl)-*N*-(thiophen-2-ylmethyl)acetamide in the Union list of flavourings

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.389.01.0015.01.ENG

FOOD ADDITIVES

O.J.E.U. L 11, 18th January 2022 – Commission Regulation (EU) 2022/63 of 14 January 2022 amending Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council as regards the food additive titanium dioxide (E 171)

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2022.011.01.0001.01.ENG

NOVEL FOOD

O.J.E.U. L 402, 15th November 2021 – Commission Implementing Regulation (EU) 2021/1975 of 12 November 2021 authorising the placing on the market of frozen, dried and powder forms of *Locusta migratoria* as a novel food under Regulation (EU) 2015/2283 of the European Parliament and of the Council and amending Commission Implementing Regulation (EU) 2017/2470

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.439.01.0010.01.ENG

O.J.E.U. L 415, 22nd November 2021 – Commission Implementing Regulation (EU) 2021/2029 of 19 November 2021 authorising the placing on the market of 3-Fucosyllactose (3-FL) as a novel food under Regulation (EU) 2015/2283 of the European Parliament and of the Council and amending Commission Implementing Regulation (EU) 2017/2470

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.415.01.0009.01.ENG

P.D.O. / P.G.I. / T.S.G.

O.J.E.U. C 439, 29th October 2021 – Publication of an application for approval of an amendment, which is not minor, to a product specification pursuant to Article 50(2)(a) of Regulation (EU) No 1151/2012 of the European Parliament and of the Council on quality schemes for agricultural products and foodstuffs [Raschera (cheese) (PDO)]

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C_.2021.439.01.0019.01.ENG

O.J.E.U. L 418, 24th November 2021 – Commission Implementing Regulation (EU) 2021/2044 of 17 November 2021 approving non- minor amendments to the specification for a name entered in the register of protected designations of origin and protected geographical indications [Nostrano Valtrompia (cheese) (PDO)]

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.418.01.0004.01.ENG

O.J.E.U. C 489, 6th December 2021 – Publication of the amended single document following the approval of a minor amendment pursuant to the second subparagraph of Article 53(2) of Regulation (EU) No 1151/2012 [Noord-Hollandse Gouda (cheese) (PDO)]

http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C_.2021.489.01.0007.01.ENG

O.J.E.U. C 507, 16th December 2021 – Publication of an application for approval of an amendment, which is not minor, to a product specification pursuant to Article 50(2)(a) of Regulation (EU) No 1151/2012 of the European Parliament and of the Council on quality schemes for agricultural products and foodstuffs [Bra (cheese) (PDO)]
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C_.2021.507.01.0018.01.ENG

O.J.E.U. L 457, 21st December 2021 – Commission Implementing Regulation (EU) 2021/2270 of 14 December 2021 entering a name in the register of protected designations of origin and protected geographical indications [Licki skripavac (cheese) (PGI)]
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.457.01.0004.01.ENG

O.J.E.U. L 12, 19th January 2022 – Commission Implementing Regulation (EU) 2022/69 of 12 January 2022 approving a non-minor amendment to the product specification for a name entered in the register of traditional specialities guaranteed [“Heumilch”/“Haymilk”/“Latte fiengo”/“Lait de foin”/“Leche de heno” (milk) (TSG)]
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2022.012.01.0030.01.ENG

O.J.E.U. L 12, 19th January 2022 – Commission Implementing Regulation (EU) 2022/70 of 12 January 2022 approving a non-minor amendment to the product specification for a name entered in the register of traditional specialities guaranteed [“Schaf-Heumilch”/“Sheep’s Haymilk”/“Latte fiengo di pecora”/“Lait de foin de brebis”/“Leche de heno de oveja” (TSG)]
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2022.012.01.0031.01.ENG

O.J.E.U. L 12, 19th January 2022 – Commission Implementing Regulation (EU) 2022/71 of 12 January 2022 approving a non-minor amendment to the product specification for a name entered in the register of traditional specialities guaranteed [“Ziegen-Heumilch”/“Goat’s Haymilk”/“Latte fiengo di capra”/“Lait de foin de chèvre”/“Leche de heno de cabra” (TSG)]
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2022.012.01.0033.01.ENG

PESTICIDES

O.J.E.U. L 365, 14th October 2021 – Commission Regulation (EU) 2021/1807 of 13 October 2021 amending annexes II, III and IV to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for acibenzolar-S-methyl, aqueous extract from the germinated seeds of sweet *Lupinus albus*, azoxystrobin, clopyralid, cyflufenamid, fludioxonil, fluopyram, fosetyl, metazachlor, oxathiapiprolin, tebufenozide and thiabendazole in or on certain products
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.365.01.0001.01.ENG

O.J.E.U. L 373, 21st October 2021 – Commission Regulation (EU) 2021/1841 of 20 October 2021 amending annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for 6-benzyladenine and aminopyralid in or on certain products
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.373.01.0063.01.ENG

O.J.E.U. L 373, 21st October 2021 – Commission Regulation (EU) 2021/1842 of 20 October 2021 amending annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for flupyradifurone and difluoroacetic acid in or on certain products
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.373.01.0076.01.ENG

O.J.E.U. L 377, 25th October 2021 – Commission Regulation (EU) 2021/1864 of 22 October 2021 amending Annexes II, III and V to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for amisulbrom, flubendiamide, meptyldinocap, metaflumizone and propineb in or on certain products
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.377.01.0003.01.ENG

O.J.E.U. L 380, 27th October 2021 – Commission Regulation (EU) 2021/1881 of 26 October 2021 amending Annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for imidacloprid in or on certain products
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.380.01.0005.01.ENG

O.J.E.U. L 453, 17th December 2021 – Commission Delegated Regulation (EU) 2021/2244 of 7 October 2021 supplementing Regulation (EU) 2017/625 of the European Parliament and of the Council with specific rules on official controls as regards sampling procedures for pesticides residues in food and feed
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2021.453.01.0001.01.ENG

O.J.E.U. L 13, 20th January 2022 – Commission Regulation (EU) 2022/78 of 19 January 2022 amending Annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for dazomet, hexythiazox, metam and methylisothiocyanate in or on certain products
http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2022.013.01.0005.01.ENG

AFNOR VALIDATIONS

During its May meeting, the Technical Committee of NF VALIDATION approved by vote:

Commercial name	Date	Certificate	Description
RENEWALS OF VALIDATIONS			
TEST 3M™ PETRIFILM™ SELECT' E.COLI	Validation date: 14 Jun 2001 Renewal: 6 Oct 2021 End of validity: 14 Jun 2025	3M-01/08-06/01	Enumeration of <i>E. coli</i> All human food products, pet food and production environmental samples
TEST 3M™ PETRIFILM™ LACTIC ACID BACTERIA COUNT PLATE	Validation date: 23 Nov 2017 Renewal: 6 Oct 2021 End of validity: 23 Nov 2025	3M-01/19-11/17	Enumeration of mesophilic aerobic flora All human food products (excluding yoghurts) and production environmental samples
RAPID' ENTEROBACTERIACEAE	Validation date: 29 Nov 2013 Extension: 31 Jan 2014 Renewal: 6 Oct 2021 End of validity: 29 Nov 2025	BRD-07/24-11/13	Enumeration of <i>Enterobacteriaceae</i> All human food products, animal food products and production environmental samples
3M™ PETRIFILM™ RAPID COLIFORM COUNT PLATE	Validation date: 18 Mar 1997 Renewal: 6 Oct 2021 End of validity: 18 Mar 2025	3M-01/05-03/97A	Enumeration of coliforms – reading after 14h All human food products
3M™ PETRIFILM™ RAPID COLIFORM COUNT PLATE	Validation date: 18 Mar 1997 Renewal: 6 Oct 2021 End of validity: 18 Mar 2025	3M-01/05-03/97B	Enumeration of total coliforms – reading after 24h All human food products
3M™ PETRIFILM™ RAPID COLIFORM COUNT PLATE	Validation date: 18 Mar 1997 Renewal: 6 Oct 2021 End of validity: 18 Mar 2025	3M-01/05-03/97C	Enumeration of gas producing coliforms – reading after 24h All human food products except processed pork products
TEMPO TC	Validation date: 8 Feb 2005 Renewal: 6 Oct 2021 End of validity: 8 Dec 2025	BIO-12/17-12/05	Enumeration of total coliforms All human food products and pet food
PATHATRIX™ AUTO SALMONELLA SPP KIT LINKED TO SELECTIVE AGAR DETECTION	Validation date: 28 Nov 2013 Extension: 30 Aug 2016 Renewal: 6 Oct 2021 End of validity: 28 Nov 2025	ABI-29/06-11/13	Detection of <i>Salmonella</i> spp. Heat processed milk and dairy products, raw beef meats, cocoa and cocoa based products
PATHATRIX™ AUTO SALMONELLA SPP KIT LINKED TO MICROSEQ® SALMONELLA SPP. DETECTION KIT	Validation date: 28 Nov 2013 Extension: 30 Aug 2016 Renewal: 6 Oct 2021 End of validity: 28 Nov 2025	ABI-29/07-11/13	Detection of <i>Salmonella</i> spp. Heat processed milk and dairy products, raw beef meats, cocoa and cocoa based products
QIAGEN MERICON SALMONELLA SPP.	Validation date: 1 Feb 2013 Renewal: 6 Oct 2021 End of validity: 1 Feb 2025	QIA-36/01-02/13	Detection of <i>Salmonella</i> spp. Meat products, dairy products, seafood and vegetables, egg products, animal feeding stuffs and environmental samples (except primary production environment)

AFNOR VALIDATIONS

RADIP' SALMONELLA	Validation date: 9 Dec 2005 Extension: 16 Nov 2020 Renewal: 6 Oct 2021 End of validity: 9 Dec 2025	BRD-07/11-12/05	Detection of <i>Salmonella</i> spp. All human and animal food products, and industrial production environmental samples
THERMO SCIENTIFIC SURETECT SALMONELLA SPECIES PCR ASSAY	Validation date: 4 Nov 2013 Extension: 1 Oct 2020 Renewal: 6 Oct 2021 End of validity: 4 Nov 2025	UNI-03/07-11/13	Detection of <i>Salmonella</i> spp. All human food products, pet food and production environmental samples (except primary production environment)
THERMO SCIENTIFIC SURETECT LISTERIA MONOCYTOGENES PCR ASSAY	Validation date: 4 Nov 2013 Extension: 2 Jul 2020 Renewal: 6 Oct 2021 End of validity: 4 Nov 2025	UNI-03/08-11/13	Detection of <i>Listeria monocytogenes</i> All human food products and production environmental samples
LUMIPROBE 24 LISTERIA MONOCYTOGENES	Validation date: 9 Dec 2005 Renewal: 9 Dec 2021 End of validity: 9 Dec 2025	EUR-15/03-12/05	Detection of <i>Listeria monocytogenes</i> All human food products and production environmental samples
THERMO SCIENTIFIC SURETECT LISTERIA SPP. PCR ASSAY	Validation date: 28 Nov 2013 Extension: 2 Jul 2020 Renewal: 6 Oct 2021 End of validity: 28 Nov 2025	UNI-03/09-11/13	Detection of <i>Listeria</i> spp. All human food products and production environmental samples
COMPASS BACILLUS CEREUS AGAR	Validation date: 5 Feb 2010 Renewal: 9 Dec 2021 End of validity: 5 Feb 2026	BKR-23/06-02/10	Enumeration of presumptive <i>Bacillus cereus</i> All human and animal food products
EXTENSIONS DE VALIDATIONS			
GENE-UP LISTERIA 2	Validation date: 29 Sep 2016 Extension: 6 Oct 2021 Renewal: 2 Jul 2020 End of validity: 29 Sep 2024	BIO-12/39-09/16	Detection of <i>Listeria</i> spp. (except <i>Listeria Grayi</i>) All human food products and industrial production environmental samples
GENE-UP LISTERIA MONOCYTOGENES	Validation date: 24 Nov 2016 Extension: 6 Oct 2021 Renewal: 1 Oct 2020 End of validity: 24 Nov 2024	BIO-12/40-11/16	Detection of <i>Listeria monocytogenes</i> All human food products and production environmental samples
RAPID'B. CEREUS	Validation date: 22 Mar 2019 Extension: 6 Oct 2021 End of validity: 22 Mar 2023	BRD-07/26-03/19	Enumeration of <i>Bacillus cereus</i> All human food products
BACGENE SALMONELLA SPP.	Validation date: 26 Mar 2015 Extension: 8 Dec 2021 End of validity: 26 Mar 2023	EGS-38/01-03/15	Detection of <i>Salmonella</i> spp. All human and animal food products and production environmental samples (except primary production environment)

The validation certificates and the recapitulative list are available at the following website address:
<https://nf-validation.afnor.org/en/food-industry/#discover-certified-methods>

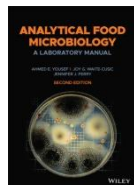
BOOKSHOP: LATEST PUBLICATIONS

The classification in alphabetic order of the first keyword allows you to consult the references according to your interests.
The web site allows you to know more, or to order the book.

MICROBIOLOGY

YOUSEF A.E.; WAITE-CUSIC J.G.; PERRY J.J. – Analytical Food Microbiology: A laboratory manual, 2nd edition – Wiley editions – February 2022 – ISBN: 978-0-470-42511-4 – 352 pages

<https://www.wiley.com/en-fr/Analytical+Food+Microbiology%3A+A+Laboratory+Manual%2C+2nd+Edition-p-9780470425114#>



This updated manual covers the following topics: laboratory safety, basic microbiological techniques, evaluation of food for various microbiological groups, detection and enumeration of foodborne pathogens, and control of undesirable foodborne microorganisms.

IN THE PRESS – ON THE WEB

Classification in alphabetical order of keywords

FOOD ADDITIVES

Opinion on the re-evaluation of mono- and diglycerides of fatty acids (E 471) as food additive in foods for infants below 16 weeks of age and follow-up of their re-evaluation as food additives for uses in foods for all population groups

<https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2021.6885>

► The Scientific Group on Food Additives and Flavorings was invited to evaluate mono- and diglycerides of fatty acids (E 471) for their use as food additives in foods for infants under 16 weeks belonging to food categories 13.1.1 (Infant formulas) and 13.1.5.1 (Dietary foods for infants for special medical purposes and special infant formula). Overall, the Panel concluded that there were no safety concerns when E 471 was used as a food additive in these food categories. The risk assessment for toxic elements and impurities clearly indicated the need to lower the current maximum limits for arsenic, lead, cadmium and mercury and to include limits for glycidyl esters, on 3 - monochloropropane diol and erucic acid in the EU specifications of E 471.

NOVEL FOOD

Safety of the extension of use of galacto-oligosaccharide as a novel food pursuant to Regulation (EU) 2015/2283

<https://efsa.onlinelibrary.com/doi/10.2903/j.efsa.2021.6844>

► Following a request from the European Commission, the EFSA Scientific Panel on Nutrition, Novel Foods and Food Allergens (NDA) was invited to deliver an opinion on the extension of the use of galacto-oligosaccharides as a novel food, in accordance with Regulation (EU) 2015/2283, in dairy confectionery, cheeses and processed cheeses, butter and spreads. The Panel concluded that the novel food is safe under the proposed extension of use.

La Lettre de CECALAIT est éditée par ACTALIA Cecalait, B.P. 70129, 39801 POLIGNY CEDEX
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Publication le 24 janvier 2022 - Publication trimestrielle
Impression : ACTALIA Cecalait, B.P. 70129, 39801 POLIGNY CEDEX
Tél. : 33.(0)3.84.73.63.20 - Fax : 33.(0)3.84.73.63.29
Dépôt légal : à parution
ISSN : 1298-6976
Prix : 10,31 € HT