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## STANDARDS - REGULATIONS

### STANDARDS, DRAFT STANDARDS

Classification in alphabetical order by theme

#### ISO standards under development

MILK AND DAIRY PRODUCTS	
ISO/DIS 16297 June 2019	MILK Bacterial count – Protocol for the evaluation of alternative methods
ISO/DIS 21187 June 2019	MILK Quantitative determination of bacteriological quality – Guidance for establishing and verifying a conversion relationship between results of an alternative method and anchor method results
ISO/DIS 23291 June 2019	MILK AND MILK PRODUCTS Guidelines for the application of in-line and on-line infrared spectrometry
ISO/DIS 23293 June 2019	MILK-BASED INFANT FORMULA POWDERS Quantification of whey protein content by sodium dodecyl sulfate – Capillary gel electrophoresis (SDS-CGE)
ISO/DIS 23305 May 2019	FORTIFIED MILK POWDERS, INFANT FORMULA AND ADULT NUTRITIONALS Determination of total biotin by liquid chromatography coupled with immunoaffinity column clean-up extraction
QUALITY MANAGEMENT	
ISO/DIS 10015 May 2019	QUALITY MANAGEMENT Guidelines for competence management and people development
ISO/DIS 10018 May 2019	QUALITY MANAGEMENT SYSTEMS Guidelines on people engagement
ISO/DIS 2859-4 June 2019	Sampling procedures for inspection by attributes – Part 4: Procedures for assessment of declared quality levels
ISO/IEC DIS 17000 June 2019	Conformity assessment – Vocabulary and general principles
STATISTICS	
ISO/DIS 5725-2 April 2019	Accuracy (trueness and precision) of measurement methods and results – Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method
ISO/DIS 5725-4 April 2019	Accuracy (trueness and precision) of measurement methods and results – Part 4: Basic method for the determination of the trueness of a standard measurement method

#### ISO published standards

MICROBIOLOGY OF THE FOOD CHAIN	
ISO 20976-1 March 2019	MICROBIOLOGY OF THE FOOD CHAIN Requirements and guidelines for conducting challenge tests of food and feed products – Part 1: Challenge tests to study growth potential, lag time and maximum growth rate
ISO 22117 February 2019	MICROBIOLOGY OF THE FOOD CHAIN Specific requirements and guidance for proficiency testing by interlaboratory comparison <i>Replace ISO/TS 22117:2010</i>
MILK AND DAIRY PRODUCTS	
ISO 21422 February 2019	MILK, MILK PRODUCTS, INFANT FORMULA AND ADULT NUTRITIONALS Determination of chloride – Potentiometric titration method

## STANDARDS - REGULATIONS

ISO 21446 January 2019	INFANT FORMULA AND ADULT NUTRITIONALS Determination of trans and total (cis + trans) vitamin K <sub>1</sub> content – Normal phase HPLC
<b>QUALITY</b>	
ISO 11843-6 February 2019	CAPABILITY OF DETECTION Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations <i>Replace ISO 11843-6:2013</i>
<b>SENSORY ANALYSIS</b>	
ISO 20613 March 2019	SENSORY ANALYSIS General guidance for the application of sensory analysis in quality control

## NEW EU REGULATIONS

Classification is established in alphabetical order of the first keyword

### NOVEL FOOD

**O.J.E.U. L 085, 27<sup>th</sup> March 2019** – Commission Implementing Regulation (EU) 2019/506 of 26 March 2019 authorising the placing on the market of D-ribose 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\\_.2019.085.01.0011.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2019.085.01.0011.01.ENG)

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

**O.J.E.U. C 111, 25<sup>th</sup> March 2019** – 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 [Abundance (cheese) (PDO)]  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C\\_.2019.111.01.0056.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C_.2019.111.01.0056.01.ENG)

**O.J.E.U. C 114, 26<sup>th</sup> March 2019** – 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 [Provolone valpadana (cheese) (PDO)]  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C\\_.2019.114.01.0011.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.C_.2019.114.01.0011.01.ENG)

**O.J.E.U. L 84, 26<sup>th</sup> March 2019** – Commission Implementing Regulation (EU) 2019/486 of 19 March 2019 entering the name “Schaf-Heumilch” / “Sheep’s Haymilk” / “Latte fieno di pecora” / “Lait de foin de brebis” / “Leche de heno de oveja” (TSG) in the register of traditional specialities guaranteed  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L\\_.2019.084.01.0001.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2019.084.01.0001.01.ENG)

**O.J.E.U. L 84, 26<sup>th</sup> March 2019** – Commission Implementing Regulation (EU) 2019/486 of 19 March 2019 entering the name “Ziegen-Heumilch” / “Goat’s Haymilk” / “Latte fieno di capra” / “Lait de foin de chèvre” / “Leche de heno de cabra” (TSG) in the register of traditional specialities guaranteed  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L\\_.2019.084.01.0003.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2019.084.01.0003.01.ENG)

### PESTICIDES

**O.J.E.U. L 088, 29<sup>th</sup> March 2019** – Commission Implementing Regulation (EU) 2019/533 of 28 March 2019 concerning coordinated multiannual control programme of the Union for 2020, 2021 and 2022 to ensure compliance with maximum residue levels of pesticides and to assess the consumer exposure to pesticide residues in and on food of plant and animal origin  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L\\_.2019.088.01.0028.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2019.088.01.0028.01.ENG)

**O.J.E.U. L 096, 5<sup>th</sup> April 2019** – Commission Regulation (EU) 2019/552 of 4 April 2019 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 azoxystrobin, bicyclopyrone, chlormequat, cyprodinil, difenoco-nazole, fenpropimorph, fenpyroximate, fluopyram, fosetyl, isoprothiolane, isopyrazam, oxamyl, prothioconazole, spinetoram, trifloxystrobin and triflumezopyrim in or on certain products  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L\\_.2019.096.01.0006.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2019.096.01.0006.01.ENG)

### SAFETY OF FOOD

**O.J.E.U. L 050, 21<sup>st</sup> February 2019** – Commission Implementing Decision (EU) 2019/300 of 19 February 2019 establishing a general plan for crisis management in the field of the safety of food and feed  
[http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L\\_.2019.050.01.0055.01.ENG](http://eur-lex.europa.eu/legal-content/FR/TXT/?uri=uriserv:OJ.L_.2019.050.01.0055.01.ENG)

**AFNOR VALIDATIONS**

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

Commercial name	Date	Certificate	Description
<b>NEW VALIDATIONS</b>			
BAX SYSTEM RT PCR ASSAY GENUS <i>LISTERIA</i>	Validation date: 1 Feb 2019 <b>End of validity: 1 Feb 2023</b>	QUA-18/09-01/19	<b>Detection of <i>Listeria</i></b> All human food and production samples (except primary production samples)
BAX SYSTEM RT PCR ASSAY GENUS <i>LISTERIA MONOCYTOGENES</i>	Validation date: 1 Feb 2019 <b>End of validity: 1 Feb 2023</b>	QUA-18/10-01/19	<b>Detection of <i>Listeria monocytogenes</i></b> All human food and production samples (except primary production samples)
<b>RENEWALS OF VALIDATIONS</b>			
TEST 3M™ PETRIFILM™ HAUTE SENSIBILITE COLIFORMES	Validation date: 23 Mar 1999 Renewal: 2 Apr 2003, 24 May 2007, 3 Feb 2011, 27 Nov 2014 and 31 Jan 2019 <b>End of validity: 23 Mar 2023</b>	3M-01/07-03/99	<b>Enumeration of gas producing coliforms (reading after 24 hours)</b> All human food products
BAX SYSTEM REAL-TIME PCR ASSAY FOR <i>SALMONELLA</i> SPP.	Validation date: 26 Mar 2015 Extension: 18 May 2018 Renewal: 1 Feb 2019 <b>End of validity: 26 Mar 2023</b>	QUA-18/08-03/15	<b>Detection of <i>Salmonella</i> spp.</b> All human food products excluding milk powder, pet food and industrial production environmental samples (except primary production environment)
<b>EXTENSIONS OF VALIDATIONS</b>			
THERMO SCIENTIFIC SURETECT <i>LISTERIA MONOCYTOGENES</i> PCR ASSAY	Validation date: 4 Nov 2013 Extension: 21 Mar 2014, 17 Mar 2016, 30 Jun 2016, 5 Oct 2018 and 31 Jan 2019 <b>End of validity: 4 Nov 2021</b>	UNI-03/08-11/13	<b>Detection of <i>Listeria monocytogenes</i></b> All human food products and production environmental samples
THERMO SCIENTIFIC SURETECT <i>LISTERIA</i> SPP. PCR ASSAY	Validation date: 28 Nov 2013 Extension: 21 Mar 2014, 3 Jul 2014, 30 Jun 2016, 5 Oct 2018 and 31 Jan 2019 Renewal: 17 May 2018 <b>End of validity: 28 Nov 2021</b>	UNI-03/09-11/13	<b>Detection of <i>Listeria</i> spp.</b> All human food products and production environmental samples

The validation certificates and the recapitulative list are available at the following website address:  
<http://www.afnor-validation.com/afnor-validation-validated-methods/validated-methods.html>

## IN THE PRESS – ON THE WEB

Classification in alphabetical order of keywords

### FOOD ADDITIVE

#### **Safety of annatto E and the exposure to the annatto colouring principles bixin and norbixin (E 160b) when used as a food additive**

<https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2019.5626>

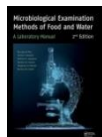
► The Scientific Panel on Food Additives and Flavouring (FAF) provides a scientific opinion on the safety evaluation of annatto E and an exposure assessment of the annatto colouring principles bixin and norbixin (E 160b) when used as a food additive, taking into account new proposed uses and use levels. The Panel concluded that food colour annatto E does not raise concern for genotoxicity. Accordingly, the ADIs established in 2016 for the two colouring principles bixin and norbixin can be applied also to the annatto E. For bixin, none of the exposure estimates exceeded the ADI of 6 mg/kg bw per day. For norbixin, the ADI was reached at the high level (p95) for toddlers in the refined exposure assessment scenarios in one country. Considering the uncertainties and the very likely overestimation of the exposure, the Panel concluded that the level of exposure does not raise a health concern.

## BOOKSHOP: LATEST PUBLICATIONS

### MICROBIOLOGY

DA SILVA N.; TANIWAKI M.H. ; JUNQUEIRA C.A. ; SILVEIRA N. ; OKAZAKI M.M. ; ROMEIRO GOMES R.A. – **Microbiological examination methods of food and water : A laboratory manual, 2<sup>nd</sup> edition** – CRCPress editions – November 2018 – ISBN: 9781138057111 – 526 pages

<https://www.crcpress.com/Microbiological-Examination-Methods-of-Food-and-Water-A-Laboratory-Manual/Silva-Taniwaki-Junqueira-Silveira-Okazaki-Gomes/p/book/9781138057111>



This book is an illustrated laboratory manual that provides an overview of current standard microbiological culture methods for the examination of food (whose milk and dairy products) and water. Every chapter begins with a comprehensive, in-depth and updated bibliographic reference on the microorganism(s) dealt with, provide schematic comparisons between the methods presented, highlighting the main differences and similarities, and lists validated alternative quick methods.

MITRUKA B.M. – **Revival: Methods of detection and identification of bacteria (1977)** – CRCPress editions – February 2019 – ISBN: 9781138560857 – 270 pages

<https://www.crcpress.com/Revival-Methods-of-Detection-and-Identification-of-Bacteria-1977/Mitruka/p/book/9781138560857>



The objective of this book is to present a critical review and evaluation of the so-called conventional methods currently being used for bacterial identification, as well as to discuss the new approaches for the detection and identification of bacteria. Current methods of characterization and enumeration of bacteria in air, water, milk, and other food materials are also described.

## FORTHCOMING EVENTS

### MILK AND DAIRY PRODUCTS

21-25 June 2019  
Praha, Czech Republic

IDF/ISO analytical week

<http://www.idfisoprague2019.cz>

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