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Review of national standardization

The following Hungarian standards are commercially available at MSZT (Hungarian Standards Institution, H-1082 Budapest, Horváth Mihály tér 1., phone: +36 1 456 6893, fax: +36 1 456 6841, e-mail: kiado@mszt.hu, postal address: H-1450 Budapest 9., Pf. 24) or via website: www.mszt.hu/webaruhaz.

Published national standards from June 2024 to August 2024

03.100.70 Management systems

MSZ ISO 46001:2024 Water efficiency management systems. Requirements with guidance for use

MSZ ISO 46001:2019/Amd 1:2024 Water efficiency management systems. Requirements with guidance for use. Amendment 1: Climate action changes – which is an amendment of MSZ ISO 46001:2024 –

03.120 Quality

MSZ ISO 22003-1:2024 Food safety. Part 1: Requirements for bodies providing auditing and certification of food safety management systems – which has replaced MSZ ISO/TS 22003:2014 –

07.080 Biology. Botany. Zoology

MSZ ISO/TR 3985:2024 Biotechnology. Data publication. Preliminary considerations and concepts

MSZ ISO/TR 22758:2024 Biotechnology. Biobanking. Implementation guide for ISO 20387

MSZ ISO/TS 20388:2024 Biotechnology. Biobanking. Requirements for animal biological material

MSZ ISO/TS 23105:2024 Biotechnology. Biobanking. Requirements for the biobanking of plant biological material for research and development

MSZ ISO/TS 23494-1:2024 Biotechnology. Provenance information model for biological material and data. Part 1: Design concepts and general requirements

MSZ ISO/TS 23511:2024 Biotechnology. General requirements and considerations for cell line authentication

MSZ ISO/TS 24420:2024 Biotechnology. Massively parallel DNA sequencing. General requirements for data processing of shotgun metagenomic sequences

07.100.30 Food microbiology

MSZ EN ISO 6579-1:2024 EV Microbiology of the food chain. Horizontal method for the detection, enumeration and serotyping of Salmonella. Part 1: Detection of Salmonella spp. (ISO 6579-1:2017 + Amd 1:2020) CONSOLIDATED VERSION – which has replaced MSZ EN ISO 6579-1:2017 and MSZ EN ISO 6579-1:2017/A1:2020 –

MSZ ISO/TS 21872-2:2024 Microbiology of the food chain. Horizontal method for the determination of Vibrio spp. Part 2: Enumeration of total and potentially enteropathogenic Vibrio parahaemolyticus in seafood using nucleic acid hybridization

13.060 Water quality

MSZ ISO 16075-1:2024 Guidelines for treated wastewater use for irrigation projects. Part 1: The basis of a reuse project for irrigation

MSZ ISO 16075-2:2024 Guidelines for treated wastewater use for irrigation projects. Part 2: Development of the project

MSZ ISO 16075-3:2024 Guidelines for treated wastewater use for irrigation projects. Part 3: Components of a reuse project for irrigation

MSZ ISO 16075-4:2024 Guidelines for treated wastewater use for irrigation projects. Part 4: Monitoring

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MSZ ISO 16075-5:2024 Guidelines for treated wastewater use for irrigation projects. Part 5: Treated wastewater disinfection and equivalent treatments

MSZ ISO 16075-6:2024 Guidelines for treated wastewater use for irrigation projects. Part 6: Fertilization

65 Agriculture

65.140 Beekeeping

MSZ ISO 24381:2024 Bee propolis. Specifications – which has withdrawn the MSZ-08-0110:1985 and the MSZ 6887:1986 –

67 Food technology

67.020 Processes in the food industry

MSZ ISO/TS 34700:2024 Animal welfare management. General requirements and guidance for organizations in the food supply chain

67.040 Food products in general

MSZ EN ISO 23662:2024 Definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims (ISO 23662:2021)

MSZ ISO/TR 23304:2024 Food products. Guidance on how to express vitamins and their vitamers content

MSZ ISO/TS 19657:2024 Definitions and technical criteria for food ingredients to be considered as natural

67.050 General methods of tests and analysis for food products

MSZ ISO/TR 17622:2024 Molecular biomarker analysis. SSR analysis of sunflower

MSZ ISO/TR 17623:2024 Molecular biomarker analysis. SSR analysis of maize

MSZ ISO/TS 16393:2024 Molecular biomarker analysis. Determination of the performance characteristics of qualitative measurement methods and validation of methods

MSZ ISO/TS 20224-1:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 1: Bovine DNA detection method

MSZ ISO/TS 20224-2:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 2: Ovine DNA detection method

MSZ ISO/TS 20224-3:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 3: Porcine DNA detection method

MSZ ISO/TS 20224-4:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 4: Chicken DNA detection method

MSZ ISO/TS 20224-5:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 5: Goat DNA detection method

MSZ ISO/TS 20224-6:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 6: Horse DNA detection method

MSZ ISO/TS 20224-7:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 7: Donkey DNA detection method

MSZ ISO/TS 20224-8:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 8: Turkey DNA detection method

MSZ ISO/TS 20224-9:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 9: Goose DNA detection method

MSZ ISO/TS 20224-10:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 10: Duck DNA detection method

MSZ ISO/TS 20224-11:2024 Molecular biomarker analysis. Detection of animal-derived materials in foodstuffs and feedstuffs by real-time PCR. Part 11: Pigeon DNA detection method

MSZ ISO/TS 21569-2:2024 Molecular biomarker analysis. Methods of analysis for the detection of genetically modified organisms and derived products. Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products

MSZ ISO/TS 21569-3:2024 Horizontal methods for molecular biomarker analysis. Methods of analysis for the detection of genetically modified organisms and derived products. Part 3: Construct-specific real-time PCR method for detection of P35S-pat-sequence for screening for genetically modified organisms

MSZ ISO/TS 21569-4:2024 Horizontal methods for molecular biomarker analysis. Methods of analysis for the detection of genetically modified organisms and derived products. Part 4: Real-time PCR based screening methods for the detection of the P-nos and P-nos-nptII DNA sequences

MSZ ISO/TS 21569-5:2024 Horizontal methods for molecular biomarker analysis. Methods of analysis for the detection of genetically modified organisms and derived products. Part 5: Real-time PCR based screening method for the detection of the FMV promoter (P-FMV) DNA sequence

MSZ ISO/TS 21569-6:2024 Horizontal methods for molecular biomarker analysis. Methods of analysis for the detection of genetically modified organisms and derived products. Part 6: Real-time PCR based screening methods for the detection of cry1Ab/Ac and Pubi-cry DNA sequences

MSZ ISO/TS 21569-7:2024 Horizontal methods for molecular biomarker analysis. Methods of analysis for the detection of genetically modified organisms and derived products. Part 7: Real-time PCR based methods for the detection of CaMV and Agrobacterium Ti-plasmid derived DNA sequences

67.100 Milk and milk products

MSZ EN ISO 11816-1:2024 Milk and milk products. Determination of alkaline phosphatase activity. Part 1: Fluorimetric method for milk and milk-based drinks (ISO 11816-1:2024) – which has replaced MSZ EN ISO 11816-1:2014 –

MSZ ISO 22662:2024 Milk and milk products. Determination of lactose content by high-performance liquid chromatography (reference method) – which has replaced MSZ ISO 22662:2015 –

MSZ ISO/TS 4985:2024 Milk and milk products. Determination of alkaline phosphatase activity. Fluorimetric microplate method

MSZ ISO/TS 6733:2024 Milk and milk products. Determination of lead content. Graphite furnace atomic absorption spectrometric method

MSZ ISO/TS 9941:2024 Milk and canned evaporated milk. Determination of tin content. Spectrometric method

MSZ ISO/TS 11059:2024 Milk and milk products. Method for the enumeration of Pseudomonas spp.

MSZ EN ISO 11816-2:2024 Milk and milk products. Determination of alkaline phosphatase activity. Part 2: Fluorimetric method for cheese (ISO 11816-2:2024) – which has replaced MSZ EN ISO 11816-2:2016 –

MSZ ISO/TS 11869:2024 Fermented milks. Determination of titratable acidity. Potentiometric method

MSZ ISO/TS 15495:2024 Milk, milk products and infant formulae. Guidelines for the quantitative determination of melamine and cyanuric acid by LC-MS/MS

MSZ ISO/TS 17193:2024 Milk. Determination of the lactoperoxidase activity. Photometric method (Reference method)

MSZ ISO/TS 17758:2024 Instant dried milk. Determination of the dispersibility and wettability

MSZ ISO/TS 17996:2024 Cheese. Determination of rheological properties by uniaxial compression at constant displacement rate

MSZ ISO/TS 18083:2024 Processed cheese products. Calculation of content of added phosphate expressed as phosphorus

MSZ ISO/TS 19046-1:2024 Cheese. Determination of propionic acid level by chromatography. Part 1: Method by gas chromatography

MSZ ISO/TS 19046-2:2024 Cheese. Determination of propionic acid level by chromatography. Part 2: Method by ion exchange chromatography

MSZ ISO/TS 22113:2024 Milk and milk products. Determination of the titratable acidity of milk fat

MSZ ISO/TS 27106:2024 Cheese. Determination of nisin A content by LC-MS and LC-MS-MS

MSZ ISO/TS 27265:2024 Dried milk. Enumeration of the specially thermoresistant spores of thermophilic bacteria

67.140 Tea. Coffee. Cocoa

MSZ ISO/TR 12591:2024 White tea. Definition

MSZ ISO/TR 21380:2024 Matcha tea. Definition and characteristics

67.200 Edible oils and fats. Oilseeds

MSZ ISO/TS 12788:2024 Rapeseed. Determination of glucosinolate content. Spectrometric method for total glucosinolates by glucose release

MSZ ISO/TS 16465:2024 Animal and vegetable fats and oils. Determination of phthalates in vegetable oils

MSZ ISO/TS 17383:2024 Determination of the triacylglycerol composition of fats and oils. Determination by capillary gas chromatography

MSZ ISO/TS 23647:2024 Vegetable fats and oils. Determination of wax content by gas chromatography

67.250 Materials and articles in contact with foodstuffs

MSZ EN 17917:2024 Paper and board. Paper and board intended to come into contact with foodstuffs. Determination of aluminium in aqueous extracts

Corrected national standards from June 2024 to August 2024

07.100.30 Food microbiology

MSZ ISO 4832:2023 Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of coliforms. Colony-count technique – which has replaced MSZ 3640-18:1979 and MSZ ISO 5541-1:1994 –

Withdrawn national standards from June 2024 to August 2024

67.160 Beverages

MSZ EN 1131:1995 Fruit and vegetable juices. Determination of the relative density

MSZ EN 1132:1995 Fruit and vegetable juices. Determination of the pH value

MSZ EN 1133:1995 Fruit and vegetable juices. Determination of the formol number

MSZ EN 1134:1995 Fruit and vegetable juices. Determination of sodium, potassium, calcium, and magnesium content by atomic absorption spectrometry (AAS)

MSZ EN 1135:1995 Fruit and vegetable juices. Determination of ash

MSZ EN 1136:1995 Fruit and vegetable juices. Determination of phosphorus content. Spectrometric method

MSZ EN 1137:1995 Fruit and vegetable juices. Enzymatic determination of citric acid (citrate) content. NADH spectrometric method

MSZ EN 1138:1995 Fruit and vegetable juices. Enzymatic determination of L-malic acid (L-malate) content. NADH spectrometric method

MSZ EN 1139:1995 Fruit and vegetable juices. Enzymatic determination of D-isocitric acid content. NADPH spectrometric method

MSZ EN 1140:1995 Fruit and vegetable juices. Enzymatic determination of D-glucose and D-fructose content. NADPH spectrometric method

MSZ EN 1141:1995 Fruit and vegetable juices. Spectrometric determination of proline content

MSZ EN 1142:1995 Fruit and vegetable juices. Determination of the sulfate content

MSZ EN 12133:1999 Fruit and vegetable juices. Determination of chloride content. Potentiometric titration method

MSZ EN 12134:1999 Fruit and vegetable juices. Determination of centrifugable pulp content

MSZ EN 12135:1999 Fruit and vegetable juices. Determination of nitrogen content. Kjeldahl method

MSZ EN 12136:1999 Fruit and vegetable juices. Determination of total carotenoid content and individual carotenoid fractions

MSZ EN 12137:1999 Fruit and vegetable juices. Determination of tartaric acid in grape juices. Method by high performance liquid chromatography

MSZ EN 12138:1999 Fruit and vegetable juices. Enzymatic determination of D-malic acid content. NAD spectrometric method

MSZ EN 12143:1998 Fruit and vegetable juices. Estimation of soluble solids content. Refractometric method

MSZ EN 12144:1998 Fruit and vegetable juices. Determination of total alkalinity of ash. Titrimetric method

MSZ EN 12145:1998 Fruit and vegetable juices. Determination of total dry matter. Gravimetric method with loss of mass on drying

MSZ EN 12146:1998 Fruit and vegetable juices. Enzymatic determination of sucrose content. NADP spectrometric method

MSZ EN 12147:1998 Fruit and vegetable juices. Determination of titrable acidity

MSZ EN 12148:1998 Fruit and vegetable juices. Determination of hesperidin and naringin in citrus juices. Method using high performance liquid chromatography

MSZ EN 12630:2000 Fruit and vegetable juices. Determination of glucose, fructose, sorbitol, and sucrose contents. Method using high performance liquid chromatography

MSZ EN 12631:2000 Fruit and vegetable juices. Enzymatic determination of D- and L-lactic acid (lactate) content. NAD spectrometric method

MSZ EN 12632:2000 Fruit and vegetable juices. Enzymatic determination of acetic acid (acetate) content. NAD spectrometric method

MSZ EN 12742:2000 Fruit and vegetable juices. Determination of the free amino acids content. Liquid chromatographic method

MSZ EN 13196:2000 Fruit and vegetable juices. Determination of total sulfur dioxide by distillation

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