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ID	Rev	Vers.	Date of release	Title, reference and deviations from standards	Department	E [TT.MM.JJ]
Testing in the areas: foodstuffs incl. nutritional supplements						
Type of testing: gas chromatography using mass-selective detectors						
Parameter: Contaminants, additives, ingredients and pesticides						
categories 2						
LA-GC-004.07	01	05	2013-12	GC-MS determination of epoxidized soybean oil in food samples	POM	04.08.2016
	01	06	2016-08	GC-MS determination of epoxidized soybean oil in food samples		06.04.2021
	01	07	2021-04	GC-MS determination of epoxidized soybean oil in food samples		29.10.2021
	01	08	2021-10	GC-MS determination of epoxidized soybean oil in food samples		
LA-GC-011.071	01	05	2013-12	GC-MS determination of aldehydes in low-fat foodstuffs	POM	07.12.2018
	01	06	2018-12	GC-MS determination of aldehydes in low-fat foodstuffs		18.06.2020
	01	07	2020-06	GC-MS determination of aldehydes in low-fat foodstuffs		
LA-GC-011.072	01	04	2013-12	GC-MS determination of aldehydes in high-fat foodstuffs	POM	18.06.2020
	01	05	2020-06	GC-MS determination of aldehydes in high-fat foodstuffs		
LA-GC-013.071	01	03	2013-12	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods	HS	20.10.2014
	01	04	2014-10	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods		21.05.2015
	01	05	2015-05	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods		07.11.2016
	01	06	2016-11	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods		27.10.2020
	01	07	2020-10	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods		26.11.2020
	01	08	2020-11	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods		05.08.2022
	01	09	2022-08	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods		
LA-GC-013.072	01	03	2013-12	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods	HS	20.10.2014
	01	04	2014-10	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		22.05.2015
	01	05	2015-05	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		07.11.2016
	01	06	2016-11	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		26.10.2020
	01	07	2020-10	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		11.11.2020

	01	08	2020-11	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		16.11.2021
	01	09	2021-11	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		05.08.2022
	01	10	2022-08	Headspace GC-MS determination of volatile organic compounds (VOC) in high-fat foods		
LA-GC-301.07	01	04	2013-12	GC-MS determination of glycols in food samples	POM	17.09.2018
	01	05	2018-09	GC-MS determination of glycols in food samples		03.12.2018
	01	06	2018-12	GC-MS determination of glycols in food samples		24.06.2020
	01	07	2020-06	GC-MS determination of glycols in food samples		
LA-GC-801.07	01	08	2018-09	GC-MS determination of selected industrial chemicals in foodstuffs (Analytes here are plasticisers, bisphenol A, PAH, bee repellent, antioxidants, octylphenols, nonylphenols, ethyloxylates and chlorobenzenes)	POM	28.07.2020
	01	09	2020-07	GC-MS determination of selected industrial chemicals in foodstuffs (Analytes here are plasticisers, bisphenol A, PAH, bee repellent, antioxidants, octylphenols, nonylphenols, ethyloxylates and chlorobenzenes)		26.10.2020
	01	10	2020-10	GC-MS determination of selected industrial chemicals in foodstuffs (Analytes here are plasticisers, bisphenol A, PAH, bee repellent, antioxidants, octylphenols, nonylphenols, ethyloxylates and chlorobenzenes)		28.07.2021
	01	11	2021-07	GC-MS determination of selected industrial chemicals in foodstuffs (Analytes here are plasticisers, bisphenol A, PAH, bee repellent, antioxidants, octylphenols, nonylphenols, ethyloxylates and chlorobenzenes)		
LA-GC-802.072	01	01	2018-11	Determination of plasticisers in fats and oils using GC-MS/(MS)	POM	16.07.2019
	01	02	2019-07	Determination of plasticisers in fats and oils using GC-MS/(MS)		19.05.2020
	01	03	2020-05	Determination of plasticisers in fats and oils using GC-MS/(MS)		02.10.2020
	01	04	2020-10	Determination of plasticisers in fats and oils using GC-MS/(MS)		14.07.2021
	01	05	2021-07	Determination of plasticisers in fats and oils using GC-MS/(MS)		
LA-Pestizide-006.07	01	02	2016-01	Headspace – GC-MS determination of phosphine in food samples	Pesticides	15.05.2017
	01	03	2017-05	Headspace – GC-MS determination of phosphine in food samples		09.05.2018
	01	04	2018-05	Headspace – GC-MS determination of phosphine in food samples		19.07.2022
	01	05	2022-07	Headspace – GC-MS determination of phosphine in food samples		

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DIN EN 12396-2			**1998-12**	**Non-fatty foods – Determination of dithiocarbamate and thiuram disulfide residues – Part 2: Gas chromatographic method (Deviation: Use of a more sensitive detector system: mass spectrometer; lower sample weight, reagent blank value, quantification against solvent standard reclaimed under the same conditions or in the case of dry herbs against recovery, taking account of the internal standard; production of standards using in-house software "SCON")**		
LA-Pestizide-007.07	01	03	2016-09	Sum method for the determination of dithiocarbamate and thiuram disulfide as carbon disulfide using Headspace-GC-MS in food	Pesticides	01.07.2018
	01	04	2018-07	Sum method for the determination of dithiocarbamate and thiuram disulfide as carbon disulfide using Headspace-GC-MS in food		
LA-GC-022.071	01	01	2018-10	GC-MS determination of inorganic total bromide in low-fat foodstuffs after derivatization with propylene oxide	POM	
LA-Pestizide-016.07	01	01	2018-01	Determination of 1-MCP in foodstuffs using HS-GC-MS	Pesticides	22.10.2020
	01	02	2020-10	Determination of 1-MCP in foodstuffs using HS-GC-MS		
LA-Pestizide-001.072a	01	04	2016-10	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)	Pesticides	08.05.2017
	01	05	2017-05	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		19.06.2019
	01	06	2019-06	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		23.03.2020
	01	07	2020-03	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		15.10.2020
	01	08	2020-10	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		
LA-Pestizide-001.072b	01	04	2016-10	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)	Pesticides	19.06.2019
	01	05	2019-06	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		15.10.2020
	01	06	2020-10	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		

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ASU L 00.00-115			**2018-10**	**Analysis of foodstuffs – Multimethod for the determination of pesticide residues using GC and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE in food of plant origin – Modular QuEChERS-method (Deviation: Module E1, E3-E7-Extraction: Lower sample weight with adjusted solvent quantity; Module C3-Clean up: Use of "push through" columns)**		
LA-Pestizide-001.07	01	06	2017-09	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant	Pesticides	05.09.2018
	01	07	2018-09	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		12.06.2019
	01	08	2019-06	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		30.07.2020
	01	09	2020-07	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		15.10.2020
	01	10	2020-10	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		
LA-Pestizide-001.076	01	01	2018-08	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)	Pesticides	12.06.2019
	01	02	2019-06	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		15.10.2020
	01	03	2020-10	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		19.07.2022
	01	04	2022-07	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: GC-MS/MS)		
LA-Pestizide-013.077	01	01	2017-09	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: GC-MS/MS)	Pesticides	04.09.2018
	01	02	2018-08	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: GC-MS/MS)		19.06.2019
	01	03	2019-06	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: GC-MS/MS)		20.10.2020
	01	04	2020-10	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: GC-MS/MS)		19.07.2022
	01	05	2022-07	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: GC-MS/MS)		
LA-Pestizide-015.07	01	01	2017-12	Determination of dazomet and metam as methyl isothiocyanate in food by HS-SPME-GC-MS/MS	Pesticides	17.04.2018
	01	02	2018-04	Determination of dazomet and metam as methyl isothiocyanate in food by HS-SPME-GC-MS/MS		22.10.2020
	01	03	2020-10	Determination of dazomet and metam as methyl isothiocyanate in food by HS-SPME-GC-MS/MS		

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LA-GC-056.07	02	01	2023-03	SPME-ARROW-GC-MS determination of volatile organic compounds (VOC) in foods	HS	
LA-Pestizide-022.07	02	01	2020-12	GC-MS/MS Determination of 2-Chloroethanol in food	Pesticides	
Type of testing: gas chromatography using conventional detectors						
Parameter: MOSH/MOAH						
no flexibilisation						
LA-GC-014.07	01	02	2015-07	GC-FID determination of MOSH/MOAH in foodstuffs	POM	09.07.2019
	01	03	2019-07	GC-FID determination of MOSH/MOAH in foodstuffs		12.10.2020
	01	04	2020-10	GC-FID determination of MOSH/MOAH in foodstuffs		29.04.2022
	01	05	2022-04	GC-FID determination of MOSH/MOAH in foodstuffs		
Type of testing: high performance liquid chromatography using mass-selective detectors						
Parameter: Contaminants, pesticide residues and ingredients						
categories 2						
LA-LC-110.07	01	02	2014-10	LC-MS/MS determination of photoinitiators in foods	LC	11.07.2019
	01	03	2019-07	LC-MS/MS determination of photoinitiators in foods		31.07.2020
	01	04	2020-07	LC-MS/MS determination of photoinitiators in foods		
LA-Pestizide-001.072a	01	04	2016-10	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)	Pesticides	08.05.2017
	01	05	2017-05	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)		19.06.2019
	01	06	2019-06	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)		23.03.2020
	01	07	2020-03	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)		15.10.2020
	01	08	2020-10	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)		
LA-Pestizide-001.072b	01	04	2016-10	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/M (here: LC-MS/MS)	Pesticides	19.06.2019
	01	05	2019-06	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/M (here: LC-MS/MS)		15.10.2020
	01	06	2020-10	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/M (here: LC-MS/MS)		

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ASU L 00.00-115			**2018-10**	**Analysis of foodstuffs – Multimethod for the determination of pesticide residues using GC and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE in food of plant origin – Modular QuEChERS-method (Deviation: Module E1, E3-E7-Extraction: Lower sample weight with adjusted solvent quantity; Module C3-Clean up: Use of "push through" columns)**		
LA-Pestizide-001.07	01	06	2017-09	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant	Pesticides	05.09.2018
	01	07	2018-09	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		12.06.2019
	01	08	2019-06	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		30.07.2020
	01	09	2020-07	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		15.10.2020
	01	10	2020-10	Determination of pesticides using GC-MS/MS and LC-MS/MS in food of plant		
LA-Pestizide-001.076	01	01	2018-08	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)	Pesticides	12.06.2019
	01	02	2019-06	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)		15.10.2020
	01	03	2020-10	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS (here: LC-MS/MS)		
LA-Pestizide-013.077	01	01	2017-09	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: LC-MS/MS)	Pesticides	04.09.2018
	01	02	2018-08	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: LC-MS/MS)		12.06.2019
	01	03	2019-06	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS (here: LC-MS/MS)		
LA-Pestizide-003.075	01	01	2016-01	Determination of acidic pesticides in dry plant-based foods	Pesticides	08.09.2017
	01	02	2017-09	Determination of acidic pesticides in dry plant-based foods		09.05.2018
	01	03	2018-05	Determination of acidic pesticides in dry plant-based foods		
LA-Pestizide-004.07	01	02	2016-06	Determination of polar pesticides in foods using LC-MS/MS	Pesticides	06.10.2017
	01	03	2017-11	Determination of polar pesticides in foods using LC-MS/MS		22.11.2017
	01	04	2017-11	Determination of polar pesticides in foods using LC-MS/MS		15.10.2020
	01	05	2020-10	Determination of polar pesticides in foods using LC-MS/MS		

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LA-Pestizide-005.07	01	01	2016-01	LC-MS/MS determination of nicotine in foodstuffs (residues)	Pesticides	20.10.2020
	01	02	2020-10	LC-MS/MS determination of nicotine in foodstuffs (residues)		
LA-Pestizide-010.07	01	01	2016-06	Determination of glyphosate, AMPA and glufosinate after erivatization with FMOC using LC-MS/MS	Pesticides	17.02.2020
	01	02	2020-02	Determination of glyphosate, AMPA and glufosinate after erivatization with FMOC using LC-MS/MS		15.10.2020
	01	03	2020-10	Determination of glyphosate, AMPA and glufosinate after erivatization with FMOC using LC-MS/MS		
LA-Pestizide-011.075	01	01	2016-06	Determination of mycotoxins in dry fruits and other dry foodstuffs using LC-MS/MS	Pesticides	22.10.2020
	01	02	2020-10	Determination of mycotoxins in dry fruits and other dry foodstuffs using LC-MS/MS		
LA-Pestizide-012.075	01	01	2017-06	Determination of pyrrolizidine alkaloids in dry foodstuffs using LC-MS/MS	Pesticides	22.10.2020
	01	02	2020-10	Determination of pyrrolizidine alkaloids in dry foodstuffs using LC-MS/MS		
LA-Pestizide-002.07	01	01	2020-01	Determination of quinolizidine alkaloids in plant matrices using LC-MS/MS	Pesticides	
Type of testing: high performance liquid chromatography using conventional detectors						
Parameter: ingredient						
categories 2						
DIN ISO 14502-2			**2007-12**	**Determination of substances characteristic of green and black tea - Part 2: Content of catechins in green tea - Method using high-performance liquid chromatography (Deviation: Adapted LC conditions such as flow, standard solutions are present in another solvent)**		
LA-Pestizide-008.075	01	01	2016-01	HPLC-DAD Determination of catechins in tea	LC	
LA-LC-903.075	02	01	2019-02	Determination of curcuminoids in dry foodstuffs and spices using HPLC-DAD	LC	
Type of testing: Titrimetric determination						
Parameter: acid and peroxide values						
categories 2						
LA-NC-003.07	02	01	2019-02	Determination of the acid value in edible oils and fats	NC	
LA-NC-004.07	02	01	2019-02	Determination of the peroxide value in edible oils and fats	NC	13.07.2020
	02	02	2020-07	Determination of the peroxide value in edible oils and fats		