

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-19579-02-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 30.09.2020

Date of issue: 30.09.2020

Holder of certificate:

eurofins Sofia GmbH

Rudower Chaussee 29/Gebäude Rudower Chaussee 31, 12489 Berlin

Tests in the fields:

analysis of foods and feeds, soil and water (surface water, groundwater, bathing water, waste water) on residues and contaminants

Within the given testing field marked with *, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the following the modification, development and refinement of testing methods.

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The management system requirements in DIN EN ISO/IEC 17025 are written in language relevant to operations of testing laboratories and operate generally in accordance with the principles of DIN EN ISO 9001.

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

1 Analysis of foods and feeds

1.1 Determination of residues and contaminants using gas chromatography with conventional detectors (FPD) *

ASU L 00.00-34 2010-09	Analysis of foods - Modular Multiple analytical method for the determination of pesticide residues in foodstuff (extended and revised version of the DFG S19) (Modification: <i>module E9: Fractionation</i>)
LA-GC-109-07 04.01.2018	Determination of phosphine in vegetable foods using headspace-GC/FPD

1.2 Determination of residues and contaminants using gas chromatography with mass selective detectors (MS and MS/MS) *

ASU L 00.00-34 2010-09	Analysis of foods - Modular Multiple analytical method for the determination of pesticide residues in foodstuff (extended and revised version of the DFG S19) (Modification: <i>module E9: Fractionation</i>)
ASU L 00.00-38/2 1998-09	Analysis of foods - fatty foods - Determination of pesticides and polychlorinated biphenyls (PCBs) - part 2: Extraction of fat, pesticides and PCBs and determination of fat content
ASU L 00.00-38/3 1998-09	Analysis of foods - fatty foods - Determination of pesticides and polychlorinated biphenyls (PCBs) - part 3: Cleaning methods
ASU L 00.00-38/4 1998-09	Analysis of foods - fatty foods - Determination of pesticides and polychlorinated biphenyls (PCBs) - part 4: Methods for determination and confirmation, miscellaneous
ASU L 00.00-49/2 1999-11	Analysis of foods - low-fat foods - Determination of dithiocarbamate and thiuram disulfide residues - part 2: gas chromatographic method (Modification: <i>adsorption on SPME and measurement GC-MS, calibration with Thiram</i>)
LA-GC-026-10 25.01.2019	Determination of surface treatment agents and anthraquinone using GC-MS/MS in foods
LA-GC-027-04 20.02.2017	Plasticizers (phthalates, adipates) using GC-MS/MS in oils and fatty foods

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LA-GC-032-02 13.03.2017	Determination of pesticides in hops, hop pellets and CO ₂ extracts using GC-MS/MS
LA-GC-201-03 25.09.2018	Chlorophenoles und chloroanisoles using GC-MS/MS in foods
LA-GCMS-501-04 28.09.2018	Antioxidants using GC-MS/MS in oils and fatty foods
LA-GC-503-02 14.03.2017	Determination of hymexazole in sugar und sugar-like matrices using GC-MS/MS
LA-GC-505-02 05.03.2018	Sulfuryl fluoride using headspace-SPME-GC-MS in cereals
LA-GC-509-06 06.03.2018	Determination of pesticides in tea, tea-like products and plant extracts using GC-MS/MS
LA-GC-524-03 14.08.2017	Determination of polycyclic aromatic hydrocarbons (EFSA-PAKs and selected EPA-PAKs) in food using GC-MS/MS
LA-GC-536-02 07.03.2017	Determination of methyl bromide in food using headspace-SPME-GC-MS
LA-GC-537-01 01.02.2016	Determination of metaldehyde in food using GC-MS/MS
LA-GC-552-01 25.01.2019	Pesticides in fats and oils using GC-MS/MS (liquid-liquid extraction)

1.3 Determination of residues and contaminants using liquid chromatography with mass selective detectors (LC-MS/MS) *

ASU L 00.00-76 2008-12	Analysis of foods - Determination of Chlormequat and Mepiquat in low-fat foods - LC-MS/MS-method
ASU L 00.00-113 2015-03	Analysis of foods - Multiple analytical method for the determination of pesticide residues in foodstuff using LC-MS/MS after extraction with methanol and clean up with diatomaceous earth
ASU L 13.04-5 2013-08	Analysis of foods - Multiple analytical method for the determination of pesticide residues in vegetable oils using HPLC-MS(/MS)

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LA-LCMS-019-11 18.02.2019	Determination of melamine, cyanuric acid, ammeline und ammelide in foods and feeds using LC-MS/MS
LA-LCMS-020-04 16.03.2017	Plasticizers (adipate, phthalate) in oils, fats and foods using LC-MS/MS
LA-LCMS-034-07 20.02.2019	Determination of quarternary ammonium compounds using LC-MS/MS in foods
LA-LCMS-038-05 12.07.2018	Glyphosate in foods using LC-MS/MS
LA-LCMS-042-05 18.02.2019	Determination of phenoxy acid herbicides using LC-MS/MS in dry, water containing and in fatty foods
LA-LCMS-044-02 03.01.2018	Determination of pesticide residues in hops using LC-MS/MS
LA-LCMS-045-04 24.02.2017	Fentin in foods using LC-MS/MS
LA-LCMS-046-06 18.02.2019	Determination of paraquat and diquat using LC-MS/MS in foods
LA-LCMS-047-03 16.01.2017	Methylimidazoles (2-methylimidazole/4-methylimidazole and THI) in food using LC-MS/MS
LA-LCMS-049-04 18.02.2019	Nicotine using LC-MS/MS in foods
LA-LCMS-053-05 22.02.2019	Determination of fosetyl-Al and phosphonic acid using LC-MS/MS in food
LA-LCMS-062-06 18.02.2019	Dicyandiamide (Cyanoguanidine) using LC-MS/MS after liquid- liquid extraction in milk and dairy products
LA-LCMS-070-06 07.07.2016	Determination of pesticides, mycotoxins, tropane alkaloids and growth regulators in selected foods using LC/LC-MS/MS (two- dimensional)

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LA-LCMS-081-04 21.08.2018	Determination of chlorate and perchlorate in food
LA-LCMS-090-01 08.05.2015	Determination of fenbutatin oxide and other organotin compounds in food using LC-MS/MS
LA-LCMS-104-02 28.02.2017	Determination of ethephon in food using LC-MS/MS
LA-LCMS-117-01 14.03.2017	Determination of emamectin benzoate in fish muscle using LC-MS/MS
LA-LCMS-118-01 15.03.2018	Determination of linoleic acid in sugar and its precursors using LC-MS/MS
LA-LCMS-121-01 07.02.2018	Determination of lufenuron in fish muscle using LC-MS/MS

2 Analysis of water (surface water, groundwater, bathing water, waste water)

2.1 Determination of residues and contaminants using gas chromatography with mass selective detectors (MS and MS/MS) *

LA-GC-015-06 23.08.2018	Pesticides in water using GC-MS/MS using LLE
LA-GC-506-03 20.02.2018	Determination of epichlorohydrin in water using GC-MS/MS
LA-GC-519-02 18.05.2018	Determination of phenols in water using GC-MS/MS
LA-GC-529-02 18.05.2018	Determination of phthalates, adipates, tributyl phosphate and tris (2-chloroisopropyl) phosphate in water using GC-MS/MS
LA-GC-552-01 25.01.2019	Determination of dithiocarbamates in water using Headspace-SPME-GC-MS

2.2 Determination of residues and contaminants using liquid chromatography with mass selective detectors (LC-MS/MS) *

DIN 38407-F 35 2010-10	Determination of selected phenoxyalkyl carbonic acids and further acid plant treatment agents - Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS)
DIN 38407-F 36 2014-09	Determination of selected active substances of plant protection products and other organic substances in water - Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS) after direct injection (here HPLC-MS/MS)
DIN 38413-6 2007-02	Determination of acrylamide - Method using high performance liquid chromatography with mass spectrometric detection (HPLC-MS/MS)
LA-LCMS-029-05 23.08.2018	Paraquat and Diquat in water using LC-MS/MS
LA-LCMS-040-07 12.07.2018	Glyphosate in water using LC-MS/MS
LA-LCMS-066-03 21.08.2018	Pharmaceutical products in water using LC-MS/MS
LA-LCMS-079-02 23.08.2018	Chlorate and perchlorate in water using LC-MS/MS
LA-LCMS-087-02 21.08.2018	Sweeteners in water using LC-MS/MS

3 Analysis of soil

3.1 Determination of residues and contaminants using gas chromatography with mass selective detectors (GC-MS/MS) *

LA-GC-033-04 23.02.2018	Determination of pesticides in soil using GC-MS/MS
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3.2 Determination of residues and contaminants using liquid chromatography with mass selective detectors (LC-MS/MS) *

LA-LCMS-036-05 20.02.2018	Determination of neutral pesticide residues in soil using LC-MS/MS
LA-LCMS-037-04 20.02.2018	Determination of acid pesticide residues in soil using LC-MS/MS
LA-LCMS-039-04 23.01.2017	Glyphosate in soil using LC-MS/MS

Abbreviations used:

ASU	Collection of Official Methods under Article § 64 German Food and Feed Code (Amtliche Sammlung Untersuchungsverfahren nach § 64 (LFGB))
DIN	German Institute for Standardization (Deutsches Institut für Normung e. V.)
EN	European Standard (Europäische Norm)
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LA-GC-xxx	Laboratory in-house test method of Eurofins SOFIA
LA-GCMS-xxx	
LA-LB-xxx	
LA-LC-xxx	
LA-LCMS-xxx	
LFGB	German Food and Feed Code (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch)