

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Partial Accreditation Certificate** that the testing laboratory

Eurofins Dr. Specht Laboratorien GmbH
Am Neuländer Gewerbepark 2, 21079 Hamburg

meets the requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the testing laboratory, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

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

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This partial accreditation certificate only applies in connection with the notice of 17.12.2024 with accreditation number D-PL-14198-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 7 pages.

Registration number of the partial accreditation certificate: **D-PL-14198-01-01**

It is a part of the accreditation certificate: D-PL-14198-01-00.

Berlin, 17.12.2024

Barbara Tyralla
Head of Technical Unit

Translation issued:
18.03.2025

in Vertretung A. Luchter
Barbara Tyralla
Head of Technical Unit

The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

This document is a translation. The definitive version is the original German accreditation certificate.

See notes overleaf

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The Deutsche Akkreditierungsstelle GmbH (DAkkS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkkS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkkS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-14198-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 14.12.2024

Date of issue: 14.12.2024

This annex is a part of the accreditation certificate D-PL-14198-01-00.

Holder of partial accreditation certificate:

Eurofins Dr. Specht Laboratorien GmbH
Am Neuländer Gewerbepark 2, 21079 Hamburg, Germany

with the location

Eurofins Dr. Specht Laboratorien GmbH
Am Neuländer Gewerbepark 2, 21079 Hamburg, Germany

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

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

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

Annex to the Partial Accreditation Certificate D-PL-14198-01-01

Tests in the fields:

Physical, physico-chemical and chemical analysis of foodstuffs, feedstuffs and plant materials

Flexible scope of accreditation:

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. (Flexible scope of accreditation according to Category A).

Within the marked testing fields, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS

[Flex B] the free choice of standard or equivalent testing methods.

[Flex C] the modification, development and refinement of testing methods.

The test methods listed are given by way of example. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

1 Analysis of foodstuffs and feedstuffs

1.1 Determination of plant protection product residues by gas chromatography (GC) with conventional detectors (ECD, FPD) in foodstuffs and feedstuffs [Flex C]

DIN EN 13191-2 2000-10	Non-fatty foods – Determination of bromide residues – Part 2: Determination of inorganic bromide
DIN EN 15662 2018-07	Foods of plant origin – Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method (Modification: <i>Concentrates with reduced sample weight; slightly modified dispersive SPE where applicable; here also for plant-based feedstuffs</i>)
ASU L 00.00-34 2010-09	Analysis of foodstuffs – Modular multimethod for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19) (Modification: <i>For complex oils 2D-GPC and clean-up on multisorbent</i>)

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ASU L 53.00-1
1999-11

Analysis of foodstuffs – Gas chromatographic determination of ethylene oxide and 2-chloroethanol in spices
(Modification: *Application also to SANTE product groups 4a (high oil/low water), 5 (high starch/protein/low water/fat), tea, dried herbs/vegetables*)

P-14.139.6
2023-02

Determination of hydrogen phosphide in selected plant and animal-based foodstuffs by GC-HS-FPD
(Restriction: *Here only for foodstuffs and feedstuffs*)

1.2 Gas chromatography with mass selective detectors

1.2.1 Sample preparation for the determination of plant protection product residues by gas chromatography (GC) with mass selective detectors (MS and MS/MS)

DIN EN 12393-2
2014-03

Foods of plant origin – Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS – Part 2: Methods for extraction and clean-up
(Modification: *Here also for plant-based feedstuffs*)

1.2.2 Determination of plant protection product residues by gas chromatography (GC) with mass selective detectors (MS and MS/MS) in foodstuffs and feedstuffs [Flex C]

DIN EN 12393-3
2014-01

Foods of plant origin – Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS – Part 3: Determination and confirmatory tests

DIN EN 15662
2018-07

Foods of plant origin – Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method
(Modification: *Slightly modified dispersive SPE where applicable, additional clean-up with toluene where applicable*)

ASU L 00.00-34
2010-09

Analysis of foodstuffs – Modular multimethod for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19)
(Modification for use of complex oils: *2D-GPC and clean-up on multisorbent*)

P-14.089.6
2024-07

Gas chromatographic determination of organotin compounds in selected plant and animal materials by GC-MSD
(Restriction: *Here only for foodstuffs and feedstuffs*)

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P-14.090.4 2013-08	Gas chromatographic determination of phenylurea herbicides and other aniline-separating compounds in foodstuffs and feedstuffs by GC-MSD
P-14.098.6 2024-07	Gas chromatographic determination of phenoxy alkane carboxylic acids in foodstuffs, feedstuffs and pharmaceutical raw materials by GC-MSD or GC-MS/MS (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)
P-14.192.4 2024-07	Determination of pesticide residues in nuts and oilseeds by GC-MS/MS and LC-MS/MS after acetonitrile/water (95/5) extraction and clean-up by dispersive SPE
P-14.194.6 2022-04	Determination of ethylene oxide and 2-chloroethanol in plant materials and selected animal materials by GC-MS/MS using GC-MS (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)
P-14.195.5 2023-10	Determination of pesticide residues in animal materials by GC-MS/MS and/or LC-MS/MS after acetonitrile extraction/partitioning and clean-up by dispersive SPE (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)
P-14.196.3 2024-04	Determination of plant protection product residues in vegetable oils and animal fats by GC-MS/MS after acetonitrile/acetic acid ethyl ester (80/20) extraction and EMR clean-up (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)

1.3 Determination of plant protection product residues and contaminants by liquid chromatography (LC) with mass selective detector (MS/MS) in foodstuffs and feedstuffs [Flex C]

DIN EN 15662 2018-07	Foods of plant origin – Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method (Modification: <i>Slightly modified dispersive SPE where applicable; for acidic herbicides: component E8/E9 sample weight, modified buffer salt mixture; additional clean-up with dSPE; here also for animal feedstuffs</i>)
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ASU L 00.00-34 2010-09	Analysis of foodstuffs – Modular multimethod for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19)
P-14.179.2 2018-01	Determination of pesticides in selected plant-based foodstuffs (citrus oils) by LC-MS/MS
P-14.183.2 2023-02	Determination of cyclopiazonic acid and penicillic acid in selected plant materials by LC-MS/MS (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)
P-14.185.4 2024-04	Determination of plant protection product residues in vegetable oils and animal fats, egg and egg products and in capsicum oleoresin by LC-MS/MS after acetonitrile extraction/partitioning and EMR lipid clean-up (Restriction: <i>Here only foodstuffs</i>)
P-14.186.6 2024-02	Determination of organotin pesticides in selected plant and animal-based foodstuffs by LC-MS/MS
P-14.190.5 2024-03	Determination of ETU/PTU in selected plant and animal-based foodstuffs and pharmaceutical raw materials by LC-MS/MS (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)
P-14.191.3 2024-02	Determination of dithianon in selected plant materials by LC-MS/MS (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)
P-14.192.4 2024-07	Determination of pesticide residues in nuts and oilseeds by GC-MS/MS and LC-MS/MS after acetonitrile/water (95/5) extraction and clean-up by dispersive SPE
P-14.195.5 2023-10	Determination of pesticide residues in animal materials by GC-MS/MS and/or LC-MS/MS after acetonitrile extraction/partitioning and clean-up by dispersive SPE (Restriction: <i>Here only for foodstuffs and feedstuffs</i>)

1.4 Determination of plant protection product residues by photometry in foodstuffs and feedstuffs [Flex B]

DIN EN 12396-1 1998-12	Non-fatty foods – Determination of dithiocarbamate and thiuram disulfide residues – Part 1: Spectrophotometric method
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DIN EN 12396-3 2000-10	Non-fatty foods – Determination of dithiocarbamate and thiuram disulfide residues – Part 3: UV spectrophotometric xanthate method (Modification: <i>Here also for feedstuffs and for foodstuffs and feedstuffs with high fat content</i>)
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2 Analysis of plant materials

2.1 Determination of plant protection product residues by gas chromatography (GC) with conventional detectors (ECD, FPD) in plant materials [Flex C]

DIN EN 13191-2 2000-10	Non-fatty foods – Determination of bromide residues – Part 2: Determination of inorganic bromide (Modification: <i>Here for plant materials</i>)
P-14.139.6 2023-02	Determination of hydrogen phosphide in selected plant materials by GC-HS-FPD

2.2 Determination of plant protection product residues by gas chromatography (GC) with mass selective detector (MS, MS/MS) in plant materials [Flex C]

DIN EN 15662 2018-07	Foods of plant origin – Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method (Modification: <i>Here for plant materials, slightly modified dispersive SPE where applicable; additional clean-up with toluene where applicable</i>)
ASU L 00.00-34 2010-09	Analysis of foodstuffs – Modular multimethod for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19) (Modification: <i>Here for plant materials</i>)
P-14.194.6 2022-04	Determination of ethylene oxide and 2-chloroethanol in plant materials and selected animal materials by GC-MS/MS (Restriction: <i>Here for plant materials</i>)
P-14.192.4 2024-07	Determination of pesticide residues in nuts and oilseeds by GC-MS/MS and LC-MS/MS after acetonitrile/water (95/5) extraction and clean-up by dispersive SPE (Modification: <i>Here for plant materials</i>)

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2.3 Determination of plant protection product residues by liquid chromatography (LC) with mass selective detector (MS, MS/MS) in plant materials [Flex C]

DIN EN 15662 2018-07	Foods of plant origin – Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular QuEChERS-method (Modification: <i>Here for plant materials, slightly modified dispersive SPE where applicable</i>)
P-14.186.6 2024-02	Determination of organotin pesticides in selected plant and animal-based foodstuffs by LC-MS/MS (Modification: <i>Here for plant materials</i>)
P-14.192.4 2024-07	Determination of pesticide residues in nuts and oilseeds by GC-MS/MS and LC-MS/MS after acetonitrile/water (95/5) extraction and clean-up by dispersive SPE (Modification: <i>Here for plant materials</i>)

2.4 Determination of plant protection product residues by photometry in plant materials [Flex B]

DIN EN 12396-1 1998-12	Non-fatty foods – Determination of dithiocarbamate and thiuram disulfide residues – Part 1: Spectrophotometric method (Modification: <i>Here for plant materials</i>)
DIN EN 12396-3 2000-10	Non-fatty foods – Determination of dithiocarbamate and thiuram disulfide residues – Part 3: UV spectrophotometric xanthate method (Modification: <i>Here for plant materials</i>)

Abbreviations used:

ASU	Amtliche Sammlung von Untersuchungsverfahren nach § 64 Lebensmittel- und Futtermittelgesetzbuch (LFGB) (Official Collection of Test Methods on the basis of § 64 German Food and Feed Act)
DFG	Deutsche Forschungsgemeinschaft (German Research Foundation)
DIN	Deutsches Institut für Normung e.V. (German Institute for Standardization)
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organisation for Standardisation
P-XX.XXX.X	In-house method of Eurofins Dr. Specht Laboratorien GmbH

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