

Accreditation



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

FoodChain ID Testing GmbH
Fraunhoferstraße 11b, 82152 Planegg

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 accreditation certificate only applies in connection with the notices of 09.02.2024 with accreditation number D-PL-14412-01.

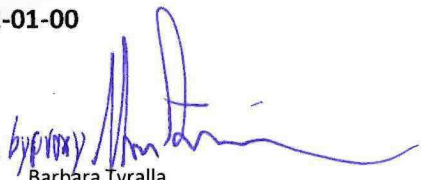
It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 5 pages.

Registration number of the accreditation certificate: **D-PL-14412-01-00**

Berlin, 09.02.2024

Barbara Tyralla
Head of Technical Unit

Translation issued:
08.04.2024


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

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10117 Berlin

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

Office Braunschweig
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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 Accreditation Certificate D-PL-14412-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 09.02.2024

Date of issue: 09.02.2024

Holder of accreditation certificate:

FoodChain ID Testing GmbH
Fraunhoferstraße 11b, 82152 Planegg

with the location

FoodChain ID Testing GmbH
Fraunhoferstraße 11b, 82152 Planegg

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.

Tests in the fields:

Molecular biological analysis of foodstuffs, feedstuffs, plant materials, seeds and commodity goods in contact with foodstuffs and the body;
Immunological analysis of foodstuffs and feedstuffs

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 free choice of standard or equivalent testing methods.**

*****) the modification, development and refinement of testing methods.**

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>.

Abbreviations used: see last page

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

1 Sample preparation for molecular biological and immunological analysis of foodstuffs, feedstuffs, plant materials, seeds and commodity goods in contact with foodstuffs and the body

1.1 Mechanical sample preparation for molecular biological and immunological analysis **

LP 01A-EU
2022-10 Methods for mechanical sample preparation for molecular biological and immunological analysis

LPA 01-EU
2021-03 Methods for preparation of analysis samples for the extraction of DNA

1.2 Extraction of DNA for molecular biology analysis **

LP 02C-EU
2021-03 Methods for extraction and purification of DNA using techniques such as solid phase extraction, CTAB-based methods, silica-based adsorption methods and semi-automated with the KingFisher Flex system

LP 02D-EU
2019-02 Methods for extraction and purification of DNA from viscous samples

LP 02E-EU
2021-03 Methods for extraction and purification of DNA from samples containing plant pollen

2 Molecular biological analysis

2.1 Detection and quantification of genetically modified organisms and plant and animal species in DNA extracted from foodstuffs, feedstuffs, plant materials, seeds and commodity goods in contact with foodstuffs and the body using real-time PCR **

QP 08-EU-GM-0016
2023-01 Detection of the NOS promoter

QP 08-EU-GM-0036
2023-01 Detection and quantification of DP-356043-5 soybean

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QP 08-EU-GM-0037 2023-01	Detection and quantification of DP-305423-1 soybean
QP 08-EU-GM-0039 2023-01	Detection and quantification of MON87701 soybean
QP 08-EU-GM-0044 2023-01	Detection and quantification of DAS-44406 soybean
QP 08-EU-GM-0064 2023-01	Detection and quantification of 3272 maize
QP 08-EU-GM-0065 2023-01	Detection and quantification of MIR 604 maize
QP 08-EU-GM-0068 2023-01	Detection and quantification of MON87460 maize
QP 08-EU-GM-0069 2023-01	Detection and quantification of MON87427 maize
QP 08-EU-GM-0071 2023-01	Detection and quantification of 5307 maize
QP 08-EU-GM-0078 2023-01	Detection and quantification of MON88302 rapeseed
QP 08-EU-GM-0080 2023-01	Detection and quantification of DP-073496-4 rapeseed
QP 08-EU-GM-0082 2023-01	Detection and quantification of MON15985 cotton
QP 08-EU-GM-0085 2023-01	Detection of LL601 rice
QP 08-EU-GM-0086 2023-01	Detection of LL62 rice
QP 08-EU-GM-0087 2023-01	Detection of Bt63 rice
QP 08-EU-GM-0091 2023-01	Detection and quantification of H7-1 sugar beet

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QP 08-EU-Sp-0021 2023-01	Detection of horse
QP 08-EU-Sp-0024 2023-01	Detection of myrtle
QP 08-EU-Sp-0025 2023-01	Detection and quantification of ogura DNA
QP 08-EU-Sp-0026 2023-01	Detection of olive
QP 08-EU-Sp-0027 2023-01	Detection of oregano
QP 08-EU-Sp-0033 2023-01	Detection of pork

2.2 Detection and quantification of genetically modified organisms and plant and animal species in DNA extracted from foodstuffs, feedstuffs, plant materials, seeds and commodity goods in contact with foodstuffs and the body using multiplex PCR **

QP 08-EU-GM-MP-02 2023-01	Detection of the CaMV 35S promoter, NOS terminator, FMV promoter
QP 08-EU-GM-MP-07 2023-01	Detection of TC1507, MON810, NK603, MON89034, GT73, Ms8, Rf3
QP 08-EU-Sp-MP-02 2023-01	Detection of almond, macadamia, pistachio, walnut
QP 08-EU-Sp-MP-01 2023-01	Detection of cashew, peanut, hazelnut, pecan nut

2.3 Detection and quantification of genetically modified organisms and plant and animal species in DNA extracted from foodstuffs, feedstuffs, plant materials, seeds and commodity goods in contact with foodstuffs and the body using digital PCR **

QP 08-EU-GM-0031 2023-01	Quantification of MON40-3-2 soybean using digital PCR
QP 08-EU-GM-0034 2023-01	Quantification of MON89788 soybean using digital PCR

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3 Immunological analysis

3.1 Immunological quantification of protein in foodstuffs and feedstuffs by ELISA using test kits*

Ridascreen® Gliadin No.: R7001, r-biopharm 2021-10	Quantification of gluten
Ridascreen® Peanut No.: R6811, r-biopharm 2021-02	Quantification of peanut
nutriLínia® Soja-E (STI) No.: NC-6011/48 ; NC- 6011/96, Romer Labs 2017-02	Quantification of soybean (Deviation: <i>Here matrix also feedstuffs</i>)

Abbreviations used:

DIN	Deutsches Institut für Normung (German Institute for Standardization)
DNA	Deoxyribonucleic acid
ELISA	Enzyme-linked immunosorbent assay
EN	European standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LP XXX	In-house method of FoodChain ID Testing GmbH
QP XXX	In-house method of FoodChain ID Testing GmbH
PCR	Polymerase chain reaction

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