

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-14602-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 24.05.2024

Date of issue: 24.05.2024

Holder of accreditation certificate:

**Eurofins WEJ Contaminants GmbH
Neuländer Kamp 1, 21079 Hamburg**

with the location

**Eurofins WEJ Contaminants GmbH
Neuländer Kamp 1, 21079 Hamburg**

The testing laboratory meets the requirements according to DIN EN ISO/IEC 17025:2018 to perform the conformity assessment activities listed in this annex. The testing laboratory complies with additional legal and normative requirements, including those in relevant sectoral programs, where applicable, provided these are explicitly confirmed below.

The requirements for the management system in DIN EN ISO/IEC 17025 are written in a language relevant to testing laboratories and are generally in accordance with 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>.

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

Abbreviations used: see last page

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Tests in the fields:

physical, physico-chemical and chemical analysis of food, feed, tobacco and tobacco products as well as raw materials for cosmetics

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

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.

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

1 Sample preparation

DIN EN 13805 2014-12	Foodstuffs - Determination of trace elements - pressure digestion (Modification: <i>Expansion of application to feed as well as tobacco and tobacco products and raw material for cosmetics, addition of direct digestion</i>)
ASU L 00.00-111/1 2008-12	Foodstuffs - Sample preparation procedure for the provision of the official and mediation sample for the determination of mycotoxin content in food - Part 1: - Wet homogenization process (Modification: <i>aliquoting, extension to feed</i>)
CON-PV 01309 2023-08	Sample preparation method - dry grinding/homogenization
CON-PV 01322 2019-10	Non-quantitative fat extraction or fat recovery

2 Determination of residues and contaminants in food and feed by gas chromatography with flame ionisation detector (FID) **

CON-PV 01316 2020-09	Determination of mineral oil saturated hydrocarbons in vegetable oil by LC-GC/FID coupling
CON-PV 01317 2023-08	MOSH-MOAH separation of mineral oil hydrocarbons in food and feed by LC-GC/FID coupling
CON-PV 01329 2021-06	Determination of water-soluble solvents in food and feed by headspace GC/FID

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3 Determination of residues and contaminants in food, feed and raw materials for cosmetics by gas chromatography with mass selective detectors (MS and MS/MS) **

DIN EN ISO 18363-4 2021-11	Animal and vegetable fats and oils – Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS – Part 4: Method using fast alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol by GC-MS/MS
DGF C-VI-18[10] 2011	Fatty acid-bound 3-chloropropane-1,2-diol (3-MCPD ester) and 2,3-epoxypropan-1-ol (glycidol) Determination in fats and oils by GC-MS (difference method) (Modification: extension to fatty food and feed; <i>sample weight; solvent and IS-volume; expansion to 2-MCPD-Ester; MS/MS-detection</i>)
US FDA/CFSAN 2006-10	Determination of furan in foods (Modification: sample weight; solvent and IS-volume; Expansion to 2-methylfuran and 3-methylfuran)
CON-PV 00572 2021-03	Determination of furan 2-methylfuran and 3-methylfuran in food by HS-GC-MS
CON-PV 01176 2023-03	Determination of polycyclic aromatic hydrocarbons (PAHs) in food, feed and raw materials for cosmetic products by GC-MS/MS (alternative GC-MS)
CON-PV 01300 2021-06	Determination of 3-MCPD and DCP in food by GC-MS
CON-PV 01327 2021-06	Determination of 3-MCPD in glycerol by GC-MS or GC-MS/MS
CON-PV 01330 2022-03	Determination of residues of volatile organic solvents in foods and food additives by headspace GC-MS
CON-PV 01361 2023-03	Determination of polycyclic aromatic hydrocarbons (PAH) in edible oil and fat by LC-LC-GC-MS
CON-PV 01367 2020-12	Determination of free 3-MCPD and 2-MCPD in food by GC-MS-MS
CON-PV 01377 2022-12	Determination of 3-MCPD ester, 2-MCPD ester and glycidol in food by GC-MS-MS

4 Determination of mycotoxins in food, feed, tobacco and tobacco products as well as raw materials for cosmetics by high performance liquid chromatography with Fluorescencedetector (FLD) **

DIN EN 14123 2008-03	Foodstuffs - Determination of aflatoxin B ₁ and the sum of aflatoxin B ₁ , B ₂ , G ₁ and G ₂ in hazelnuts, peanuts, pistachios, figs and paprika powder - High performance liquid chromatographic method with post-column derivatisation and immunoaffinity column cleanup (Modification: <i>Expansion of application to foodstuffs in general (in particular to nuts and nut-like products, dried fruits, cereal products, spices, tea, coffee and cocoa), feed, tobacco and tobacco products as well as raw materials for cosmetics; adaptation of the extracting solvent and measurement conditions</i>)
DIN EN 14132 2009-09	Foodstuffs - Determination of ochratoxin A in barley and roasted coffee - HPLC method with immunoaffinity column clean-up (Modification: <i>Expansion of application to cereals, coffee, cocoa, pepper, dried fruits, samples containing liquorice, feed, tobacco and tobacco products; modification of extraction solvent; additional post-column derivatisation</i>)
DIN EN 14133 2009-09	Foodstuffs - Determination of ochratoxin A in wine and beer - HPLC method with immunoaffinity column clean-up (Modification: <i>Expansion of application to beverages, additional post-column derivatisation</i>)
DIN EN 15829 2010-05	Foodstuffs - Determination of ochratoxin A in currants, raisins, sultanas, mixed dried fruit and dried figs - HPLC method with immunoaffinity column cleanup and fluorescence detection (Modification: <i>sample weight, volume, extraction agent</i>)
DIN EN 15835 2010-05	Foodstuffs - Determination of ochratoxin A in cereal based foods for infants and young children - HPLC method with immunoaffinity column clean up and fluorescence detection (Modification: <i>extraction solution, IAC volume, no solvent change</i>)
DIN EN 15851 2010-07	Foodstuffs - Determination of aflatoxin B ₁ in cereal based foods for infants and young children - HPLC method with immunoaffinity column cleanup and fluorescence detection (Modification: <i>extension to aflatoxin B₂, G₁ and G₂; sample weight; extraction solvent, enrichment to IAS, no solvent change</i>)

5 Determination of additives, residues and organic contaminants in food and feed by liquid chromatography with mass selective detectors (MS/MS, HRMS) **

ISO 22186 IDF 245 2020-09	Determination of Nitrofurazone in milk and milk products with LC-MS/MS (Modification: <i>solvent/eluents</i>)
CON-PV 00138 2023-11	Determination of fipronil incl. metabolites in food (especially egg, and egg powder) by LC-MS/MS
CON-PV 00168 2022-08	Determination of tetracyclines in food and feed by LC-MS/MS
CON-PV 00566 2023-04	Determination of dyes with a fungicide effect in food and feed-by LC-MS/MS
CON-PV 00570 2021-06	Determination of nitrofurans metabolites and chloramphenicol in animal food by LC-MS/MS
CON-PV 00607 2022-03	Determination of coccidiostats in food and feed by LC-MS/MS
CON-PV 00630 2023-06	Determination of sulphonamides in food and feed by LC-MS/MS (incl. CAPSulfoTetra Honig-Screening by LC-HRMS)
CON-PV 00840 2022-04	Determination of patulin in apple juice and other fruit preparations by LC-MS/MS
CON-PV 00854 2023-08	Multitoxin-method: Determination of fusarium toxins in food and feed with LC-MS/MS
CON-PV 00895 2022-12	Determination of quinolones or fluoroquinolones in food and feed by LC-MS/MS
CON-PV 00897 2023-06	Determination of nicotine and cotinine in food by LC-MS/MS
CON-PV 00986 2023-11	Determination of macrolides and lincosamides in food and feed by LC-MS/MS
CON-PV 01012 2023-08	Determination of ergot alkaloid content in food and feed by LC-MS/MS
CON-PV 01029 2021-08	Determination of benzimidazoles in food and feed by LC-MS/MS

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CON-PV 01085 2023-08	Determination of fumonisin B1, B2 and B3 in food and feed with HPLC-MS/MS
CON-PV 01103 2023-08	Determination of alternaria toxins in food by HPLC-MS/MS
CON-PV 01126 2023-08	Multi-toxin method: Determination of mycotoxins in food and feed by LC-MS/MS
CON-PV 01184 2023-08	Determination of thyrostatics in food by LC-MS/MS
CON-PV 01211 2021-10	Determination of amphenicols in food and feed by LC-MS/MS
CON-PV 01267 2022-04	Determination of NSAID in food by LC-MS/MS
CON-PV 01293 2023-06	Determination of avermectins in food and feed by LC-MS/MS
CON-PV 01298 2018-08	Determination of estradiol in feed by LC-MS/MS
CON-PV 01324 2023-06	Determination of amino glycosides in food and feed by LC-MS/MS
CON-PV 01325 2023-06	Determination of polypeptide antibiotics in food and feed by LC-MS/MS
CON-PV 01326 2023-08	Determination of pyrrolizidine alkaloids and their N-oxides in food by LC-MS/MS
CON-PV 01328 2021-06	Determination of β -lactams in protein-rich food and feed by LC-MS/MS
CON-PV 01334 2021-08	Determination of beta-2-agonists in food by LC-MS/MS
CON-PV 01336 2022-12	Multi method for high resolution analysis of veterinary drugs in food by LC-HRMS
CON-PV 01337 2022-01	Quantitative determination of plasticizers in food by LC-ESI-MS/MS

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CON-PV 01338 2022-08	Determination of corticosteroids in food by LC-MS/MS
CON-PV 01339 2022-10	Quantitative determination of bisphenols in food by LC-ESI-MS/MS
CON-PV 01343 2022-03	Determination of sedatives in food by LC-MS/MS
CON-PV 01353 2023-05	Determination of banned and restricted colorants in food by LC-ESI-MS/MS
CON-PV 01355 2023-11	Determination of phenylureas in food by LC-MS/MS
CON-PV 01357 2023-08	Quantitative determination of acrylamide in food and feed by 2D- Heartcut-LC-ESI-MS/MS
CON-PV 01362 2022-03	Determination of antioxidants in food and feed by LC-ESI-MS/MS
CON-PV 01364 2022-03	Determination of nitroimidazoles in food-by LC-MS/MS
CON-PV 01365 2022-09	Determination of hormones (androgens, estrogens and progestins) in food by LC-MS/MS
CON-PV 01368 2023-08	Determination of Aflatoxin M1 in milk and milk products using LC- MS/MS
CON-PV 01369 2023-05	Quantitative determination of nitrosamines in food by LC-APCI- MS/MS
CON-PV 01370 2023-02	Quantitative determination of cannabinoids in hemp-containing products by LC-ESI-MS/MS (limitation: <i>here only for hemp-containing food</i>)
CON-PV 01371 2023-11	Determination of quinolizidine alkaloids in food and feed by HPLC- MS/MS
CON-PV 01374 2021-03	Quantitative determination of vanillin and ethylvanillin in food by LC-ESI-MS/MS

6 Determination of elements in food, feed as well as tobacco and tobacco products by Atomic absorption spectrometry (GF-AAS, HG-AAS) **

ASU L 00.00-19/3 2004-07	Foodstuffs - Determination of trace elements - Determination of lead, cadmium, chromium and molybdenum by graphite furnace atomic absorption spectrometry (GF-AAS) after pressure digestion (Modification: <i>Expansion of analytes to Co, Ni, Ag, Tl, Sn, V, Sb, Be, As, Se; Bi Expansion of application to feed as well as tobacco and tobacco products</i>)
ASU L 00.00-19/4 2021-07	Foodstuffs - Determination of trace elements in food - Part 4: Determination of total-mercury in food by atomic absorption spectrometry (AAS) with cold vapour technique after pressure digestion (Modification: <i>Expansion of application to feed as well as tobacco and tobacco products</i>)
ASU L 25.06-1 2008-12	Foodstuffs - Determination of inorganic arsenic in algae - atomic absorption spectrometry - hydride generation (HG-AAS) after acidic extraction (Modification: <i>Expansion of application to fish, fish oil and fish meal, milk, milk powder and beer</i>)
ASU L 15.06-2 2013-01	Foodstuffs - Determination of inorganic arsenic in rice - atomic absorption spectrometry - hydride generation (HG-AAS) after acidic extraction

7 Determination of elements in food and-feed as well as tobacco and tobacco products and raw materials for cosmetics by inductively coupled plasma with atomic emission spectrometry (ICP-OES) **

DIN EN 15510 2017-10	Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum and lead by ICP-AES (Modification: <i>Expansion of application to arsenic and cadmium</i>)
CON-PV 00006 2023-12	Determination of elements in food, feed, raw materials for cosmetics and tobacco and tobacco products by inductively coupled plasma optical emission spectroscopy

8 Determination of elements in food and feed as well as tobacco und tobacco products and raw materials for cosmetics by inductively coupled plasma with mass spectrometry (ICP-MS, ICP-MS/MS) **

DIN EN 15111 2007-06	Foodstuffs - Determination of trace elements - Determination of iodine by ICP-MS (inductively coupled plasma mass spectrometry) (Modification: <i>expansion of application to feed</i>)
DIN EN 15763 2010-04	Foodstuffs - Determination of trace elements - Determination of arsenic, cadmium, mercury and lead in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) after pressure digestion (Modification: <i>expansion of analytes to various elements of DIN EN ISO 17294-2, expansion of application to feed as well as tobacco and tobacco products and raw materials for cosmetics</i>)
DIN EN 16802 2016-07	Foodstuffs – Determination of elements and their chemical species – Determination of inorganic arsenic in foodstuffs of marine and plant origin by anion-exchange HPLC-ICP-MS (Modification: <i>weighing, volume, extraction agent, extraction method, extension of the scope of application to animal foods</i>)

9 Determination of radioactive nuclides in food and feed

CON-PV 01305 2024-01	Determination of radioactive nuclides by gamma spectrometry in food and feed
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Abbreviations used:

ASU	Official Collection of Testing Methods according to § 64 LFGB
CON-PV XXXXX	Methods of Eurofins WEJ Contaminants GmbH
DIN	German Institute for Standardization e. V.
EN	European Standard
FDA	Food and Drug Administration
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LFGB	German Food and Feed Code