

Deutsche Akkreditierungsstelle

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

Valid from: 12.09.2022

Date of issue: 12.09.2022

Holder of accreditation certificate:

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

The testing laboratory meets the minimal requirements of DIN EN ISO/IEC 17025:2018 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below.

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

Tests in the fields:

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

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.

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.

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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, 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
CON-PV 01309 2020-09	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 2018-07	Determination of mineral oil saturated hydrocarbons in vegetable oil by LC-GC/FID coupling
CON-PV 01317 2018-07	MOSH-MOAH separation of mineral oil hydrocarbons in food and feed by LC-GC/FID coupling
CON-PV 01329 2018-10	Determination of water-soluble solvents in food and feed by headspace GC/FID

3 Determination of residues and contaminants in food, feed and raw materials for cosmetic products by gas chromatography with mass selective detectors (MS and 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: <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: <i>sample weight; solvent and IS-volume; Expansion to 2-methylfuran and 3-methylfuran</i>)

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CON-PV 00572 2018-11	Determination of furan 2-methylfuran and 3-methylfuran in food by HS-GC-MS
CON-PV 01176 2018-08	Determination of polycyclic aromatic hydrocarbons (PAHs) in food, feed and raw materials for cosmetic products by SPE GC/MS
CON-PV 01300 2018-10	Determination of 3-MCPD and DCP in food by GC-MS
CON-PV 01327 2018-11	Determination of 3-MCPD in glycerol by GC-MS or GC-MS/MS
CON-PV 01330 2018-07	Determination of residues of volatile organic solvents in foods and food additives by headspace GC/MS
CON-PV 01367 2019-10	Determination of free 3-MCPD and 2-MCPD in food by GC-MS-MS

4 Determination of mycotoxins in food, feed, tobacco and tobacco products as well as raw materials for cosmetic products 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 cosmetic products; 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>)

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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
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
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>additional determination of aflatoxin B₂, G₁ and G₂</i>)

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

LC/GC Europe 17/11a, 25-30 2004-11	Multi-toxin method: Determination of Fusarium toxins in vegetal foods by LC-MS/MS
CON-PV 00138 2019-01	Determination of fipronil incl. metabolites in food (especially egg, egg powder) and feed by LC-MS/MS
CON-PV 00168 2018-11	Determination of tetracyclines in meat, high-protein matrices, honey and feed by LC-MS/MS
CON-PV 00566 2018-11	Determination of dyes with a fungicide effect in food and feed-by LC-MS/MS
CON-PV 00570 2018-11	Determination of nitrofurans metabolites and chloramphenicol in animal food by LC-MS/MS
CON-PV 00607 2018-11	Determination of coccidiostats in food and feed by LC-MS/MS
CON-PV 00630 2018-11	Determination of sulphonamides in food and feed (incl. CAP Sulfo Tetra Screening) by LC-MS/MS
CON-PV 00840 2018-11	Determination of patulin in apple juice and other fruit preparations by LC-MS/MS
CON-PV 00895 2018-11	Determination of quinolones or fluoroquinolones in food and feed by LC-MS/MS
CON-PV 00897 2018-09	Determination of nicotine and cotinine in eggs, egg products, poultry, poultry products, mushrooms and herbs by LC-MS/MS

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CON-PV 00986 2018-11	Determination of macrolides and lincosamides in food and feed by LC-MS/MS
CON-PV 01012 2018-11	Determination of ergot alkaloid content in food by LC-MS/MS
CON-PV 01029 2018-11	Determination of benzimidazoles in food and feed by LC-MS/MS
CON-PV 01085 2018-08	Determination of fumonisin B1 and B2 in food and feed by HPLC-MS/MS-direct method
CON-PV 01126 2018-08	Multi-toxin method: Determination of mycotoxins in food and feed by LC-MS/MS
CON-PV 01184 2015-06	Determination of thyrostatics in high protein food by LC-MS/MS
CON-PV 01211 2018-11	Determination of amphenicols in high-protein matrices, honey and milk by LC-MS/MS
CON-PV 01267 2018-11	Determination of NSAID in meat, offal and milk
CON-PV 01293 2018-11	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 2018-11	Determination of amino glycosides in food and feed by LC-MS/MS
CON-PV 01325 2018-10	Determination of polypeptide antibiotics in protein rich food by LC-MS/MS
CON-PV 01326 2018-10	Determination of pyrrolizidine alkaloids and their N-oxides in food by LC-MS/MS
CON-PV 01328 2018-11	Determination of β -lactams in protein-rich food and feed by LC-MS/MS

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CON-PV 01334 2018-11	Determination of beta-2-agonists in protein-rich and fatty food by LC-MS/MS
CON-PV 01336 2018-11	Multi method for high resolution analysis of veterinary drugs in meat, fish, eggs, milk and milkproducts
CON-PV 01337 2018-10	Quantitative determination of plasticizers in food by LC-ESI-MS/MS
CON-PV 01338 2017-06	Determination of corticosteroids in meat, water and high-protein matrices by LC-MS/MS
CON-PV 01339 2018-11	Quantitative determination of bisphenols in food by LC-ESI-MS/MS
CON-PV 01343 2017-06	Determination of sedatives in meat and protein-rich matrices by LC-MS/MS
CON-PV 01353 2018-11	Determination of banned and restricted colorants in food by LC-ESI-MS/MS
CON-PV 01355 2018-08	Determination of phenylureas in fish by LC-MS/MS
CON-PV 01357 2018-08	Quantitative determination of acrylamide in food by LC-ESI-MS/MS
CON-PV 01362 2018-09	Determination of antioxidants in food and feed by LC-ESI-MS/MS
CON-PV 01364 2018-11	Determination of nitroimidazoles in high protein food, honey and milk by LC-MS/MS
CON-PV 01365 2018-11	Determination of hormones (androgens, estrogens and progestins) in food by LC-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
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(Modification: *Expansion of analytes to Co, Ni, Ag, Te, Tl, Sn, V, Sb, Be, As, Se; Expansion of application to feed as well as tobacco and tobacco products*)

ASU L 00.00-19/4
2003-12

Foodstuffs - Determination of trace elements in food - Part 4: Determination of mercury by atomic absorption spectrometry (AAS) with cold vapour technique after pressure digestion
(Modification: *Expansion of application to feed as well as tobacco and tobacco products*)

ASU L 25.06-1
2008-12

Foodstuffs - Determination of inorganic arsenic in algae - atomic absorption spectrometry - hydride generation (HG-ASS) after acidic extraction
(Modification: *Expansion of application to fish, fish oil and fish meal, milk, milk powder and beer*)

ASU L 15.06-2
2013-01

Foodstuffs - Determination of inorganic arsenic in rice - atomic absorption spectrometry - hydride generation (HG-ASS) after acidic extraction

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

DIN EN 15510
2007-10

Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum and lead by ICP-AES
(Modification: *Expansion of application to arsenic and cadmium*)

CON-PV 00006
2022-06

Determination of 33 elements in food, feed, tobacco and tobacco products by inductively coupled plasma optical emission spectrometry

8 Determination of elements in food and feed as well as tobacco and tobacco products 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: *expansion of application to feed*)

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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: *expansion of analytes to various elements of DIN EN ISO 17294-2, expansion of application to feed as well as tobacco and tobacco products*)

9 Determination of radioactive nuclides in food, feed and raw materials for cosmetic products

CON-PV 01305
2022-06

Determination of radioactive nuclides by gamma spectrometry

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

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