DAkkS
Deutsche
Akkreditierungsstelle

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Annex to the Accreditation Certificate D-PL-22415-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **15.06.2023**

Date of issue: 25.07.2023

Holder of accreditation certificate:

Eurofins Dr. Specht Express Testing & Inspection GmbH
Am Neuländer Gewerbepark 2, 21079 Hamburg

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 confirm generally with the principles of DIN EN ISO 9001.

Tests in the fields:

physico-chemical analysis of food of plant origin, selected animal food, selected feed of plant origin, vegetable materials and other materials of the agricultural and horticultural sector

Within the given testing field 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 maintains a current list of all test-ng 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.

Abbreviations used: see last page

1 Analysis of food of plant origin, selected animal foods and selected feed of plant origin

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

DIN EN 15662 2018-07	Food 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: *possibly adjustment of D-SPE ratio; possibly modified salt mixture; possibly additional purification; also applied to milk*)
SPF-14.189.2 2019-06	Determination of Dithiocarbamate and/or Thiuramdisullfide in selected material of plant origin by GC-MSD

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

DIN EN 15662 2018-07	Food 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: *possibly adjustment of D-SPE ratio; possibly modified salt mixture; also applied to milk and milk products*)
SPF-14.161.1 2019-01	LC-MS/MS determination of Ethephon residues in plant origin samples
SPF-14.164.1 2019-06	Determination of Alkanolamine residues in selected food of plant origin by LC-MS/MS
SPF-14.178.2 2019-06	Determination of Guazatin in selected food of plant origin by LC-MS/MS
SPF-14.180.1 2019-06	Determination of specific Phenoxy alkanoic acids after hydrolysis in selected material of plant origin by LC-MS/MS
SPF-14.181.2 2019-06	Determination of Matrine in selected material of plant origin by LC-MS/MS
SPF-14.186.2 2019-06	Determination of selected Organo Tin compounds in/on selected food of plant origin by LC-MS/MS

SPF-14.188.2 2019-06	Determination of selected polar pesticides in selected material of plant origin and food of animal origin by LC-MS/MS
SPF-14.191.2 2019-06	Determination of Dithianon in selected material of plant origin by LC-MS/MS
SPF-14.192.1 2019-06	Determination of Nereistoxin analog pesticides such as Cartap, Bensultap, Thiosultap (Monosultap) and Thiocyclam in selected material of plant origin by LC-MS/MS
SPF-14.194.1 2019-06	Determination of Glyphosate in selected material of plant origin by LC-MS/MS
SPF-14.195.1 2019-06	Determination of Bromide in selected material of plant origin by LC-MS/MS

1.3 Determination of contaminants using liquid chromatography with standard detectors (UV/VIS-, DAD-detector) **

ASU L 26.00-1 2018-10	Analysis of food - Determination of the nitrate content in vegetable products - HPLC/IC-Verfahren (Modification: *Application also on fruit and fruit products including concentrates, herbs and extracts; Extraction conditions and LOQ adjusted if necessary*)
SPF-44.016.2 2019-06	Determination of Nitrate in selected plant material with HPLC-UV

2 Analysis of vegetable materials, materials of the agricultural and horticultural sector (i.e. cut flowers, seeds, leaves, plant tonics, soil conditioners etc.)

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

DIN EN 15662 2018-07	Food 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: *Application to vegetable materials also from agricultural and horticultural sector; possibly adjustment of D-SPE ratio*)

SPF-14.189.2 2019-06	Determination of Dithiocarbamate and/or Thiuramdisullfide in selected material of plant origin by GC-MSD
SPF-14.193.1 2019-06	Determination of impurities with pesticides and contaminants in plant strengthening agents and soil conditioners using LC-MS/MS and GC-MSD (screening)

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

DIN EN 15662 2018-07	Food 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: *Application to vegetable materials also from agricultural and horticultural sector; possibly adjustment of D-SPE ratio*)
SPF-14.161.1 2019-01	LC-MS/MS determination of Ethephon residues in plant origin samples
SPF-14.193.1 2019-06	Determination of impurities with pesticides and contaminants in plant strengthening agents and soil conditioners using LC-MS/MS and GC-MSD (screening)

Abbreviations used:

ASU	Collection of Official Methods under Article § 64 German Food and Feed Code (LFGB)
DIN	German Institute for Standardization
EN	European standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
SPF-XX.XXX.X	Standard Operating Procedure of Eurofins Dr. Specht Express Testing & Inspection GmbH