DAkkS
Deutsche
Akkreditierungsstelle

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D- PL-14549-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **22.06.2022**

Date of issue: 22.06.2022

Holder of accreditation certificate:

Handelslabor Hofmann GmbH
Fahrenheitstraße 1, 28359 Bremen

with the location

Handelslabor Hofmann GmbH
Fahrenheitstraße 1, 28359 Bremen

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:

Physical, physico-chemical and chemical analysis of food and feed

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 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.

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1 Food and feed

1.1 Inductively coupled plasma mass spectrometry (ICP-MS)

1.1.1 Digestions for sample preparation of food and feed

AA 30 2019-01	Pressure digestion of metals

1.1.2 Determination of traces elements using inductively coupled plasma mass spectrometry (ICP-MS) in food and feed **

AA 53 2020-04	Determination of element ions in food and feed using ICP-MS (Limitation: *Analyte only As, Ca, Cd, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, P, Pb, Se and Zn*)

1.2 Determination of vitamins using liquid chromatography with conventional detectors (UV/VIS, FD and DAD) in food and feed **

AA 13 2016-06	Determination of biotin in food and feed by HPLC
AA 14 2016-11	Determination of vitamin B1 in food and feed by HPLC
AA 15 2016-11	Determination of vitamin B2 in food and feed by HPLC
AA 16 2016-11	Determination of vitamin B6 in food and feed by HPLC
AA 17 2016-11	Determination of niacin in food and feed by HPLC
AA 18 2016-11	Determination of folic acid in food and feed by HPLC
AA 19 2017-02	Determination of vitamin K in food and feed by HPLC
AA 20 2016-11	Determination of vitamin A in food and feed by HPLC

AA 21 2016-11	Determination of vitamin D in food and feed by HPLC
AA 22 2016-11	Determination of vitamin E in food and feed by HPLC
AA 36 2021-04	Determination of vitamin C in selected food and feed by HPLC
AA 38 2016-11	Determination of pantothenic acid in food and feed by HPLC

1.3 Determination of vitamins using liquid chromatography with mass selective detectors (LC-MS/MS) in food and feed **

AA 23 2020-10	Determination of biotin in food and feed by LC-MS/MS
AA 24 2019-11	Determination of vitamin B1 in food and feed by LC-MS/MS
AA 25 2019-11	Determination of vitamin B2 in food and feed by LC-MS/MS
AA 26 2019-11	Determination of vitamin B6 in food and feed by LC-MS/MS
AA 27 2020-02	Determination of niacin in food and feed by LC-MS/MS
AA 29 2019-11	Determination of folic acid in food and feed by LC-MS/MS
AA 34 2019-11	Determination of vitamin B12 in food and feed by LC-MS/MS
AA 37 2020-10	Determination of vitamin D in food and feed by LC-MS/MS
AA 40 2019-11	Determination of pantothenic acid in food and feed by LC-MS/MS

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Abbreviations used:

DIN	Deutsches Institut für Normung e.V. (German Institute for Standardization)
EN	European standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
AA XX	In-house method of Handelslabor Hofmann GmbH