

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-19569-02-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 09.07.2024

Date of issue: 06.11.2024

This annex is a part of the accreditation certificate D-PL-19569-02-00.

Holder of partial accreditation certificate:

**PiCA Prüfinstitut Chemische Analytik GmbH
Rudower Chaussee 29, 12489 Berlin**

With the location

**PiCA Prüfinstitut Chemische Analytik GmbH
Rudower Chaussee 29, 12489 Berlin**

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.

Testing in the areas:

**physical, physico-chemical and chemical testing of foodstuffs, commodities, cosmetics,
selected physical, physico-chemical and chemical examination of tobacco and tobacco products**

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

Page 1 of 9

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

Annex to the Partial Accreditation Certificate D-19569-02-01

In the testing areas stated, the testing laboratory is authorised, without being required to inform and obtain prior approval from DAkkS:

- * to freely select standardised or equivalent testing methods.**
- * * to modify and further develop existing testing methods and develop new ones.**

The listed testing methods are detailed by way of example.

Within the accreditation areas indicated with *, the testing laboratory is permitted, without prior information and approval of the DAkkS, the testing laboratory is permitted to use the standardised test methods or equivalent test methods with different editions listed here is permitted.**

The testing laboratory has a current list of all testing methods within the flexible accreditation area.

Table of contents

1	Physical, physico-chemical and chemical testing of foodstuffs.....	3
2	Physical, physico-chemical and chemical testing of commodities	5
3	Physical, physico-chemical and chemical testing of cosmetics	7
4	Chemical testing of tobacco and tobacco products	8

Valid from: 09.07.2024

Date of issue: 06.11.2024

Annex to the Partial Accreditation Certificate D-19569-02-01

1 Physical, physico-chemical and chemical testing of foodstuffs

1.1 Determination of organic contaminants, additives, pesticides residues and ingredients by gas chromatography using mass selective detectors (MS-, MS/MS) in foodstuffs **

LA-Pestizide-001.07 2023-09	Determination of pesticides in plant foods by GC-MS/MS and LC-MS/MS
LA-GC-004.07 2023-08	GC-MS determination of epoxidized soybean oil in food samples
LA-GC-011.071 2023-08	GC-MS determination of aldehydes in low-fat foodstuffs
LA-GC-011.072 2023-03	GC-MS determination of aldehydes in high-fat foodstuffs
LA-GC-013.071 2023-09	Headspace GC-MS determination of volatile organic compounds (VOC) in low-fat foods
LA-GC-013.072 2023-09	Headspace-GC-MS-Bestimmung von flüchtigen organischen Verbindungen (VOC) in fettreichen Lebensmitteln
LA-GC-051.072 2023-09	GC-MS/MS determination of sterols in fats, oils, waxes and oil-based nutritional supplements
LA-GC-301.07 2020-06	GC-MS determination of glycols in food samples
LA-GC-801.07 2023-03	GC-MS determination of selected industrial chemicals in foodstuffs (Analytes: <i>here are plasticisers, bisphenol A, PAH, bee repellent, antioxidants, octylphenols, nonylphenols, ethyloxylates and chlorobenzenes</i>)
LA-GC-802.072 2021-07	Determination of plasticisers in fats and oils using GC-MS/(MS)
LA-Pestizide-001.072a 2023-06	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS
LA-Pestizide-001.072b 2023-06	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/MS
LA-Pestizide-001.076 2023-06	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS

Valid from: 09.07.2024

Date of issue: 06.11.2024

Page 3 of 9

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

Annex to the Partial Accreditation Certificate D-19569-02-01

LA-Pestizide-006.07 2023-09	Headspace - GC-MS determination of phosphine in food samples
LA-Pestizide-013.077 2023-08	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS
LA-GC-052.07 2022-10	Determination of selected antioxidants in food and animal feed using GC-MS/MS

1.3 Determination of ingredients by means of high performance liquid chromatography using conventional detectors (DAD) in foodstuffs **

DIN ISO 14502-2 2007-12	Determination of substances characteristic of green and black tea - Part 2: Content of catechins in green tea - Method using high-performance liquid chromatography <i>(Modification: Adapted LC conditions such as flow, standard solutions are present in another solvent)</i>
LA-LC-903.075 2023-09	Determination of curcuminoids in dry foodstuffs and spices using HPLC-DAD

1.4 Determination of organic contaminants, pesticide residues and Ingredients by means of high performance liquid chromatography using mass-selective detectors (MS/MS) in foodstuffs **

LA-Pestizide-001.07 2023-09	Determination of pesticides in plant foods by GC-MS/MS and LC-MS/MS
LA-LC-110.07 2023-09	LC-MS/MS determination of photoinitiators in foods
LA-LC-904.07 2023-09	Determination of natural ingredients in foodstuffs incl. nutritional supplements by LC-MS/MS
LA-Pestizide-001.072a 2023-06	Determination of pesticides in fats and oils using GC-MS/MS and LC-MS/MS
LA-Pestizide-001.072b 2023-06	Determination of pesticides in nuts and oil seeds using GC-MS/MS and LC-MS/MS
LA-Pestizide-001.076 2023-06	Pesticides in dry, difficult and fatty matrices using GC-MS/MS and LC-MS/MS

Valid from: 09.07.2024

Date of issue: 06.11.2024

Page 4 of 9

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

Annex to the Partial Accreditation Certificate D-19569-02-01

LA-Pestizide-003.075 2023-07	Determination of acidic pesticides in dry plant-based foods
LA-Pestizide-004.07 2023-08	Determination of polar pesticides in foods using LC-MS/MS
LA-Pestizide-010.07 2023-09	Determination of glyphosate, AMPA and glufosinate in food after derivatisation with FMOC using LC-MS/MS
LA-Pestizide-013.077 2023-08	Determination of selected pesticides in hops and hop products using GC-MS/MS or LC-MS/MS

1.5 Titrimetric determination of ingredients in edible oils and fats **

LA-NC-003.07 2023-09	Determination of the acid value in edible oils and fats
LA-NC-004.07 2023-09	Determination of the peroxide value in edible oils and fats

2 Physical, physico-chemical and chemical testing of commodities

2.1 Determination of additives and organic contaminants by means of gas chromatography using mass-selective detectors (MS) in commodities **

LA-GC-012.01 2023-09	GC-MS determination of extractable volatile organic compounds (VOCs) in consumer goods, chemical products and furnishings
LA-GC-010.01A 2021-07	GC-MS determination of organotin compounds in leather, polymers, textiles and other materials
LA-GC-002.01 2023-09	GC/MS determination of industrial chemicals in commodities, chemical products and furnishings
LA-GC-004.01 2023-08	GC-MS determination of epoxidized soybean oil in commodities
LA-GC-006.01 2022-07	GC/MS determination of chlorinated compounds (e.g. PCB) in polymers, commodities and construction products

Valid from: 09.07.2024

Date of issue: 06.11.2024

Page 5 of 9

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

Annex to the Partial Accreditation Certificate D-19569-02-01

2.2 Determination of MOSH/MOAH by means of gas chromatography using conventional detectors (FID) in commodities

LA-GC-014.01 GC-FID determination of MOSH/MOAH in food packaging materials
2023-09

2.3 Determination of migrating additives and contaminants by means of liquid chromatography using conventional detectors (DAD) in commodities *

LA-LC-705.08 HPLC-DAD determination of antioxidants in aqueous migrates
2022-08

2.4 Gravimetric determination of migrating additives and contaminants ***

DIN EN 1186-2 Materials and articles in contact with foodstuffs - Plastics - Part 2: Test
2022-10 methods for overall migration into olive oil by total immersion
*(Modification: No analysis of swellable materials, no review of method
suitability of test pieces, double determination, lower quantity of internal
standard, other derivatisation)*

DIN EN 1186-3 Materials and articles in contact with foodstuffs - Plastics - Part 3: Test
2022-10 methods for overall migration into aqueous simulants by total immersion
(Modification: double determination)

DIN EN 1186-13 Materials and articles in contact with foodstuffs - Plastics - Part 13: Test
2002-12 methods for overall migration at high temperatures
(Modification: double determination)

DIN EN 13130-1 Materials and articles in contact with foodstuffs - Plastics substances
2004-08 subject to limitation - Part 1: Guide to test methods for the specific
migration of substances from plastics to foods and food simulants and the
determination of substances in plastics and the selection of conditions of
exposure to food simulants
(Modification: single determination)

DIN EN 14338 Paper and board intended to come into contact with foodstuffs -
2004-03 Conditions for determination of migration from paper and board using
modified polyphenylene oxide (MPPO) as a simulant

DIN CEN/TS 14234 Materials and articles in contact with foodstuffs - Polymeric coatings on
2003-01 paper and board - Guide to the selection of conditions and test methods
for overall migration

Valid from: 09.07.2024

Date of issue: 06.11.2024

Annex to the Partial Accreditation Certificate D-19569-02-01

2.5 Determination of migrating additives and contaminants by means of gas chromatography using mass-selective detectors (MS) in commodities **

LA-GC-013.024
2023-09 Headspace GC-MS determination of volatile organic compounds (VOC) in ethanolic and acetic acid migrates

LA-GC-013.021
2023-09 Headspace GC-MS determination of volatile organic compounds (VOC) in water samples and aqueous migrates

2.6 Determination of migrating additives and contaminants by means of liquid chromatography using mass-selective detectors (MS/MS) in commodities **

LA-LC-110.08
2023-09 LC-MS/MS determination of photoinitiators in aqueous migrates

LA-LC-707.08
2023-09 LC-MS/MS determination of caprolactam in migrates

3 Physical, physico-chemical and chemical testing of cosmetics

3.1 Determination of organic contaminants and additives by means of gas chromatography with mass-selective detectors (MS) in cosmetics **

LA-GC-002.05
2022-07 GC-MS determination of industrial chemicals in cosmetics

LA-GC-013.05
2020-10 Headspace GC-MS determination of volatile organic compounds (VOC) in cosmetics

LA-GC-116.05
2023-09 GC-MS determination of selected preservatives in cosmetics

LA-GC-604.05
2023-09 GC-MS determination of fragrances and naturally occurring substances in cosmetics, detergents and commodities (Restriction: *here only for cosmetics*)

LA-GC-201.05
2023-01 GC-MS determination of cyclic and linear siloxanes in cosmetic products

Valid from: 09.07.2024

Date of issue: 06.11.2024

Annex to the Partial Accreditation Certificate D-19569-02-01

3.2 Determination of ingredients by means of liquid chromatography using conventional detectors (DAD, RI) in cosmetics **

LA-LC-002.05 HPLC-DAD determination of isothiazolinones in cosmetics
2023-09

LA-LC-004.05 LC-RI determination of paraffins and silicone oils in cosmetics
2023-09

3.3 Determination of organic contaminants and additives by means of liquid chromatography using mass-selective detectors (MS/MS) in cosmetics **

LA-LC-107.05 LC-MS/MS determination of quaternary ammonia compounds in cosmetic
2023-09 products and detergents

LA-LC-121.05 LC-MS/MS determination of NDELA in water soluble cosmetics
2023-09

3.4 Determination of free and bound formaldehyde by means of photometry in cosmetics ***

ASU K 84.00-7(EG) Analysis of cosmetic products; detection and quantification of free and
1991-09 bound formaldehyde
(Modification: *Complete implementation in centrifuge tubes, free and
bound formaldehyde*)

3.5 Determination of pH value by means of potentiometry in cosmetics

LA-LB-025 Determination of pH value of cosmetic products
2020-09

4 Chemical testing of tobacco and tobacco products

LA-GC-301.074 GC-MS determination of humectants in tobacco and tobacco products
2023-09

Valid from: 09.07.2024

Date of issue: 06.11.2024

Page 8 of 9

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

Annex to the Partial Accreditation Certificate D-19569-02-01

Abbreviations used:

BADGE	Bisphenol A diglycidyl ether
BFDGE	Bisphenol F diglycidyl ether
CEN	European Committee for Standardization
DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
ISTD	Internal Standard
LA-xx-yyy.yy	In-house method of PiCA Prüfinstitut Chemische Analytik GmbH
MOSH	Mineral oil saturated hydrocarbons
MOAH	Mineral oil aromatic hydrocarbons
NDELA	N-Nitrosodiethanolamine
TS	Technical Specification

Valid from: 09.07.2024

Date of issue: 06.11.2024

Page 9 of 9

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