

Deutsche Akkreditierungsstelle

Annex to the accreditation certificate D-PL-14435-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 19.05.2025

Date of issue: 19.05.2025

Holder of accreditation certificate:

Eurofins Consumer Product Testing GmbH
Am Neuländer Gewerbepark 4, 21079 Hamburg, Germany

with the location

Eurofins Consumer Product Testing GmbH
Am Neuländer Gewerbepark 4, 21079 Hamburg, Germany

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.

Annex to the accreditation certificate D-PL-14435-01-00

Tests in the fields:

Physical, physico-chemical and chemical analysis of foodstuffs, feedstuffs, commodity goods defined by the LFGB (German Food and Feed Code) and cosmetics

Flexible scope of accreditation:

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. (Flexible scope of accreditation according to Category A).

Within the marked testing fields, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS

[Flex B] the free choice of standard or equivalent testing methods.

[Flex C] the modification, development and refinement of testing methods.

The test methods listed are given by way of example. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

1 Analysis of foodstuffs

PV 01096 2018-04	Determination of bisphenol A and bisphenol F in aqueous manufactured foods by GC-MS
PV 01543 2021-04	Photometric determination of free and cleavable formaldehyde in foodstuffs and food additives

2 Analysis of compound feed

PV 01080 2024-01	Determination of NDMA and NDEA in feedstuffs by GC-MS/MS
PV 01369 2024-01	Determination of fluoride in mineral products, feedstuffs and feed additives using an ion-selective electrode

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3 Analysis of commodity goods defined by the LFGB (German Food and Feed Code)

3.1 Extractions for physical, physico-chemical and chemical analysis of commodity goods defined by the LFGB (German Food and Feed Code) [Flex B]

DIN EN 645 1994-01	Paper and board intended to come into contact with foodstuffs – Preparation of a cold water extract
DIN EN 647 1994-01	Paper and board intended to come into contact with foodstuffs – Preparation of a hot water extract
Council of Europe Resolution AP (89) 1 Section III Number 2 1989-09	Specific migration of various elements from food packaging into aqueous migration solutions

3.2 Determination of organic compounds in commodity goods defined by the LFGB (German Food and Feed Code) using gas chromatography with mass selective detectors (MS, MS/MS) [Flex C]

DIN EN ISO 15318 1999-12	Pulp, paper and board – Determination of 7 selected polychlorinated biphenyls (PCBs) by GC-MS (Modification: <i>Processing without SPE and no triple determination</i>)
PV 00694 2022-10	Determination of phthalates in non-food products (Restriction: <i>Here only for commodity goods</i>)
PV 01131 2023-03	Determination of MCPD and DCP in paper by GC-MS (Restriction: <i>Here only for commodity goods</i>)
PV 01364 2021-08	Determination of PAHs in plastic packaging by GC/MS (Restriction: <i>Here only for commodity goods</i>)

3.3 Determination of organic compounds in commodity goods defined by the LFGB (German Food and Feed Code) by liquid chromatography with mass selective detectors (MS, MS/MS) [Flex C]

PV 00972 2023-06	Isothiazolinones in paper and cardboard by LC-MS/MS (Restriction: <i>Here only for commodity goods</i>)
PV 01459 2023-02	Determination of bisphenol A, F and S in films, plastic packaging and commodities (LC-MS/MS)

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PV 01137
2021-05 Melamine in aqueous migrates from food packaging by LC-MS/MS

PV 01139
2023-01 Determination of bisphenol A in aqueous migrates from food packaging by LC-MS/MS

3.4 Determination of MOSH/MOAH in commodity goods defined by the LFGB (German Food and Feed Code) by coupled liquid and gas chromatography with conventional detector (FID) [Flex C]

DIN SPEC 5010
2018-05 Testing of paper and board – Determination of the transfer of mineral oil hydrocarbons from food contact materials manufactured with portions of recycled pulp

PV 01482
2023-10 Determination of MOSH/MOAH (online LC-GC coupling) in packaging materials and of Tenax and ethanol migrates from packaging materials by GC-FID

3.5 Determination of residual solvents in food packaging materials using gas chromatography with conventional detector (FID)

DIN EN 13628-2
2003-01 Packaging; Flexible packaging material – Determination of residual solvents by static headspace gas chromatography – Part 2: Industrial methods
(Modification: *Storage of samples at room temperature*)

3.6 Determination of organic compounds in commodity goods defined by the LFGB (German Food and Feed Code) by photometry [Flex B]

DIN EN 1541
2001-07 Paper and board intended to come into contact with foodstuffs – Determination of formaldehyde in an aqueous extract

DIN 54603
2008-08 Testing of paper, paperboard and board – Determination of glyoxal content
(Restriction: *Here only for commodity goods*)

ASU L 00.00-6
1995-01
Corrigendum
2002-12 Analysis of foodstuffs – Determination of primary aromatic amines (PAAs) in aqueous test foodstuffs

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3.7 Determination of elements in commodity goods defined by the LFGB (German Food and Feed Code) by inductively coupled plasma mass spectrometry (ICP-MS) [Flex C]

DIN EN 1388-1 1995-11	Materials and articles in contact with foodstuffs – Silicate surfaces – Part 1: Determination of the release of lead and cadmium from ceramic ware
DIN EN 1388-2 1995-11	Materials and articles in contact with foodstuffs – Silicate surfaces – Part 2: Determination of the release of lead and cadmium from silicate surfaces other than ceramic ware
PV 1184 2022-04	Determination of elements in plastics, packaging, products, pigments and oils after digestion or salts and aqueous solutions by ICP-MS (Restriction: <i>Here for commodity goods</i>)

3.8 Determination of migrating organic compounds in plastics in contact with foodstuffs by gravimetry [Flex B]

DIN EN 1186-2 2022-10	Materials and articles in contact with foodstuffs – Plastics – Part 2: Test methods for overall migration into olive oil by total immersion
DIN EN 1186-3 2022-10	Materials and articles in contact with foodstuffs – Plastics – Part 3: Test methods for overall migration in aqueous test foodstuffs by total immersion (Modification: <i>Area determination accurate to 0.1 dm², hot plate instead of oven</i>)
DIN EN 1186-13 2002-12	Materials and articles in contact with foodstuffs Plastics – Part 13: Test methods for overall migration at high temperatures

3.9 Determination of colour fastness in commodity goods defined by the LFGB (German Food and Feed Code) by simple visual inspection [Flex B]

ASU B 82.92-3 2011-12	Analysis of commodity goods – Determination of the colourfastness of articles for common use – Part 1: Resistance to artificial saliva
ASU B 82.02-13 2011-12	Analysis of commodity goods – Determination of the colourfastness of articles for common use – Part 2: Test with artificial sweat

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3.10 Visual inspection

PV 01539 2021-03	Determination of halogenated organic compounds in commodities (packaging materials) using Beilstein's test
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3.11 Determination of residual water and surfactants in detergents, care products and cleaning agents by titrimetry [Flex C]

DGF H-III 3a 1992	Water (Karl-Fischer method) (Restriction: <i>Here for detergents, care products and cleaning agents</i>)
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PV 01236 2013-07	Determination of cationic surfactants by titration (Restriction: <i>Here for detergents, care products and cleaning agents</i>)
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PV 01237 2022-03	Determination of anionic surfactants by titration (Restriction: <i>Here for detergents, care products and cleaning agents</i>)
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3.12 Further physical, physico-chemical and chemical analysis of detergents, care products and cleaning agents

PV 00323 2021-04	Determination of free and cleavable formaldehyde (as a sum) in cosmetics and in detergents, care products and cleaning agents by photometry (Restriction: <i>Here for detergents, care products and cleaning agents</i>)
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PV 01238 2022-04	Determination of non-ionic surfactants in detergents, care products and cleaning agents by gravimetry
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PV 01363 2025-02	Determination of density in liquid cosmetic products and detergents, care products and cleaning agents by density meter (Restriction: <i>Here for detergents, care products and cleaning agents</i>)
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PV 01365 2018-12	Determination of pH value in detergents, care products and cleaning agents by electrode
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4 Analysis of cosmetics

4.1 Sample preparation

4.1.1 Sample preparation by column chromatography and epoxidation

PV 1587 2023-10	Clean-up of MOSH/MOAH by column chromatography using aluminium oxide and epoxidation (Restriction: <i>Here only for cosmetics</i>)
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4.1.2 Digestions for determination of elements in cosmetics [Flex C]

ASU K 84.00-29 2016-07	Analysis of cosmetics – Pressure digestion for determination of elements in cosmetics and tattoo colorants
PV 01371 2023-10	Sample pretreatment by fusion (Restriction: <i>Here only for cosmetics</i>)

4.2 Analyses of cosmetics using gas chromatography

4.2.1 Determination of ingredients and organic contaminants in cosmetics by gas chromatography with conventional detector (FID) [Flex C]

PV 01192 2022-03	Determination of the content of glycerol and glycol derivatives in cosmetics by GC-FID
PV 01388 2018-02	Determination of alcohol content in cosmetics by GC-FID

4.2.2 Determination of ingredients and organic contaminants in cosmetics by gas chromatography with mass selective detectors (MS, MS/MS) [Flex C]

PV 00516 2022-03	Determination of potentially allergenic fragrances in cosmetic products by GC-MS
PV 01138 2023-01	Determination of 1,4-dioxane in cosmetic products by headspace GC/MS
PV 01249 2021-12	Volatile nitrosamines in cosmetic products by GC MS/MS

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4.3 Analysis of cosmetics by liquid chromatography

4.3.1 Determination of ingredients in cosmetics by liquid chromatography with conventional detectors (DAD, UV/VIS) [Flex C]

PV 01186 2023-03	Determination of light filters in cosmetics by HPLC-DAD
PV 01187 2023-03	Determination of preservatives in cosmetics by HPLC-DAD
PV 01188 2022-07	Determination of Q 10 in cosmetics by HPLC-DAD
PV 01189 2023-03	Determination of caffeine in cosmetics by HPLC-DAD
PV 01191 2023-03	Determination of panthenol in cosmetics by HPLC-DAD

4.3.2 Determination of ingredients and organic contaminants in cosmetics by liquid chromatography with mass selective detector (MS/MS) [Flex C]

PV 01443 2023-02	Determination of NDELA in cosmetics by LC-MS/MS
PV 01442 2019-09	Determination of preservatives in cosmetics (low limit of quantification) by LC-MS/MS

4.4 Determination of residual water and surfactants in cosmetics by titrimetry [Flex C]

DGF H-III 3a 1992	Water (Karl-Fischer method) (Restriction: <i>Here for cosmetics</i>)
PV 01236 2013-07	Determination of cationic surfactants by titration (Restriction: <i>Here for cosmetics</i>)
PV 01237 2022-03	Determination of anionic surfactants by titration (Restriction: <i>Here for cosmetics</i>)

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4.5 Determination of elements in cosmetics

4.5.1 Determination of elements and titanium dioxide in cosmetics by atomic absorption spectrometry (AAS) [Flex C]

Directive 93/73/EEC 1993-09	Fifth Commission Directive 93/73/EEC of 9 September 1993 on the methods of analysis necessary for checking composition of cosmetic products – Identification of zirconium and determination of zirconium, aluminium and chlorine in non-aerosol antiperspirants – C: Determination of aluminium
PV 01383 2022-03	Determination of titanium dioxide as a light filter in sun protection products by AAS

4.5.2 Determination of elements in cosmetics by inductively coupled plasma mass spectrometry (ICP-MS)

ISO 21392 2021-08	Cosmetics – Analytical methods – Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique
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4.6 Further physical, physico-chemical and chemical analysis of cosmetics

DGF H-III 1 1992	Determination of pH (Restriction: <i>Here for cosmetics</i>)
PV 00323 2021-04	Determination of free and cleavable formaldehyde (as a sum) in cosmetics and in detergents, care products and cleaning agents by photometry (Restriction: <i>Here for cosmetics</i>)
PV 01363 2025-02	Determination of density in liquid cosmetic products and detergents, care products and cleaning agents by density meter (Restriction: <i>Here for cosmetics</i>)

4.7 Determination of MOSH/MOAH in cosmetics by coupled liquid and gas chromatography with conventional detector (FID) [Flex C]

PV 1588 2023-10	Determination of MOSH/POSH (online LC-GC coupling) in cosmetics by GC-FID
PV 1589 2023-10	Determination of MOAH (online LC-GC coupling) in cosmetics by GC- FID

Abbreviations used:

ASU	Amtliche Sammlung von Untersuchungsverfahren (Official Collection of Test Methods) on the basis of § 64 LFGB (German Food and Feed Act)
DGF	Deutsche Gesellschaft für Fettwissenschaft (German Society for Fat Science)
DIN	Deutsches Institut für Normung e.V. (German Institute for Standardization)
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organisation for Standardisation
LFGB	Lebensmittel- und Futtermittelgesetzbuch (German Food and Feed Code)
PV XXXXX	In-house method of Eurofins Consumer Product Testing GmbH