

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-12083-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 02.12.2025

Date of issue: 02.12.2025

This annex is part of the Accreditation Certificate D-PL-12083-01-00.

Holder of the Accreditation Certificate:

Hohenstein Laboratories GmbH & Co. KG
Schloss Hohenstein, 74357 Bönningheim

with the location

Hohenstein Laboratories GmbH & Co. KG
Schloss Hohenstein, 74357 Bönningheim

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, physicochemical, chemical and sensory tests of textiles

*This annex to the certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkkS) and is digitally sealed.
This annex to the certificate 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 valid and surveyed accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).*

Abbreviations used: see last page

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Flexible Scope of Accreditation:

Within the indicated test areas the testing laboratory is permitted without being required to prior inform and obtain approval from DAkkS

[Flex B] to have the free choice from standardised or equivalent test methods.

[Flex C] to modify, develop or further develop test methods.

The test methods listed are examples. The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

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1.1 Quantitative determination of fibre mixtures from textiles and commodities by gravimetry [Flex B]

DIN 54204 1975-08	Testing of textiles; quantitative analysis of binary mixtures, wool with other fibres, potassium hydroxide solution method
DIN 54209 1975-08	Testing of textiles; quantitative analysis of binary mixtures, degummed mulberry silk with wool, formic acid/zinc chloride method
DIN 54221 1975-08	Testing of textiles; quantitative analysis of binary mixtures, polyamide 6 6- or polyamide 6 fibres with other fibres, hydrochloric acid method
DIN EN ISO 1833-1 2020-09	Textiles - Quantitative chemical analysis - Part 1: General principles of testing (ISO 1833-1:2020)
DIN EN ISO 1833-2 2020-09	Textiles - Quantitative chemical analysis - Part 2: Ternary fibre mixtures (ISO 1833-2:2020)
DIN EN ISO 1833-3 2021-03	Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO 1833-3:2020)
DIN EN ISO 1833-4 2023-12	Textiles – Quantitative chemical analysis – Part 4: Mixtures of certain protein and certain other fibers (method using hypochlorite) (ISO 1833-4:2023)
DIN EN ISO 1833-6 2019-07	Textiles - Quantitative chemical analysis - Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell fibers and cotton fibers (method using formic acid and zinc chloride) (ISO 1833-6:2018)
DIN EN ISO 1833-7 2017-12	Textiles - Quantitative chemical analysis - Part 7: Mixtures of polyamide and certain other fibres (method using formic acid) (ISO 1833-7:2017)
DIN EN ISO 1833-11 2017-12	Textiles - Quantitative chemical analysis - Part 11: Mixtures of cellulose and polyester fibres (method using sulfuric acid) (ISO 1833-11:2017)
DIN EN ISO 1833-12 2021-03	Textiles - Quantitative chemical analysis - Part 12: Mixtures of acrylic, certain modacrylics- or chlorofibres, certain elastane and certain other fibres (method using dimethylformamide) (ISO 1833-12:2020)
DIN EN ISO 1833-16 2019-10	Textiles - Quantitative chemical analysis - Part 16: Mixtures of polypropylene fibres and certain other fibres (method using xylene) (ISO 1833-16:2019)

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DIN EN ISO 1833-18
2021-03 Textiles - Quantitative chemical analysis - Part 18: Mixtures of silk with wool or other animal hair (method using sulfuric acid) (ISO 1833-18:2020)

DIN EN ISO 1833-22
2021-10 Textiles - Quantitative chemical analysis - Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride) (ISO 1833-22:2020)

1.2 Determination of organic compounds in textiles and leather by liquid chromatography with mass-selective detectors (HPLC-MS) [Flex C]

DIN EN ISO 17881-2
2016-09 Textiles - Determination of certain flame retardants - Part 2: Phosphorus flame retardants (ISO 17881-2:2016)
(Modification: *here also in leather; additional analytes: TBBPA, BIS/BBP, BBMP, TDCPP, TXP, TBPH, Tri-o-cresylphosphate, TCPP, TPP, TMP, IPTPP, V6*)

DIN EN ISO 18254-1
2016-09 Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS (ISO 18254-1:2016)
(Modification: *additional analytes: 4-tert-butylphenol, nonylphenol, octylphenol, heptylphenol, pentylphenol; use of alternative standards; calculation*)

DIN EN ISO 23702-1
2023-10 Leather - Per- and polyfluoroalkyl substances - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (ISO 23702-1:2023) (Modification: *Extraction method; additional analytes: Me-PFOA, Et-PFOA, 8:2 FTMA, 1-decanaminium, N-deqyl-N,N-dimethyl, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octane sulfonate*)

3.DEC.0109
2025-02 Determination of dyes (disperse dyes) and quinoline in textiles, leather and accessories using HPLC-DAD/MS, HPLC-MS/MS and GC-MS/MS (DIN method)

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Used abbreviations:

DIN	Deutsches Institut für Normung e.V. - German Institute for Standardisation
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
3.DEC.XXXX	Standard Operating Procedure (SOP) of the conformity assessment body

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