

# Deutsche Akkreditierungsstelle

## Annex to the Partial Accreditation Certificate D-PL-17362-01-02 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 23.02.2023

**Date of issue:** 14.12.2023

This annex is a part of the accreditation certificate D-PL-17362-01-00.

Holder of partial accreditation certificate:

**FILK Freiberg Institute gGmbH**  
**Meißner Ring 1-5, 09599 Freiberg**

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 and chemical investigations of leather, textiles, collagen and plastics**

**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. 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>.*

Abbreviations used: see last page

**Page 1 of 5**

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

**Annex to the Partial Accreditation Certificate D-PL-17362-01-02**

ISO 5397 1984-03	Leather - Determination of nitrogen content and "hide substance" - Titrimetric method
DIN EN ISO 1172 1998-12	Textile-glass-reinforced plastics - Prepregs, moulding compounds and laminates - Determination of the textile-glass and mineral-filler content - Calcination methods
DIN EN ISO 3071 2020-05	Textiles - Determination of pH of aqueous extract
DIN EN ISO 3451-1 2019-05	Plastics - Determination of ash - Part 1: General methods
DIN EN ISO 3451-4 2001-08	Plastics - Determination of ash - Part 4: Polyamides
DIN EN ISO 3451-5 2002-10	Plastics - Determination of ash - Part 5: Poly(vinyl chloride)
DIN EN ISO 4045 2018-09	Leather - Chemical tests - Determination of pH and difference figure
DIN EN ISO 4047 1998-12	Leather - Determination of sulphated total ash and sulphated water-insoluble ash
DIN EN ISO 4048 2018-10	Leather - Chemical tests - Determination of matter soluble in dichloromethane and free fatty acid content
DIN EN ISO 4098 2018-10	Leather - Chemical tests - Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter
DIN EN ISO 4684 2006-02	Leather - Chemical tests - Determination of volatile matter
DIN EN ISO 5398-1 2018-10	Leather - Chemical determination of chromic oxide content - Part 1: Quantification by titration
DIN EN ISO 5398-2 2009-06	Leather - Chemical determination of chromic oxide content - Part 2: Quantification by colorimetric determination
DIN EN ISO 6427 2014-08	Plastics - Determination of matter extractable by organic solvents (conventional methods)
DIN EN ISO 10195 2021-10	Leather - Chemical determination of chromium(VI) content in leather - Thermal pre-ageing of leather and determination of hexavalent chromium

Valid from: 23.02.2023

Date of issue: 14.12.2023

**Annex to the Partial Accreditation Certificate D-PL-17362-01-02**

DIN EN ISO 13365-1 2020-12	Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography - Part 1: Acetonitrile extraction method
DIN EN ISO 13365-2 2020-12	Leather - Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography - Part 2: Artificial perspiration extraction method
DIN EN ISO 14184-1 2011-12	Textiles - Determination of formaldehyde - Part 1: Free and hydrolysed formaldehyde (water extraction method)
DIN EN ISO 14362-1 2017-05	Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (except extraction with xylene)
DIN EN ISO 14389 2014-10	Textiles - Determination of the phthalate content - Tetrahydrofuran method
DIN CEN/TS 15968 DIN SPEC 1038 2010-11	Determination of extractable perfluorooctanesulfonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams - Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS
DIN EN ISO 17070 2015-05	Leather - Chemical tests - Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content
DIN EN ISO 17072-1 2019-07	Leather - Chemical determination of metal content - Part 1: Extractable metals (only eluate production)
DIN EN ISO 17075 2008-02	Leather - Chemical tests - Determination of chromium(VI) content
DIN EN ISO 17075-1 2017-05	Leather - Chemical determination of chromium(VI) content in leather - Part 1: Colorimetric method
DIN EN ISO 17075-2 2017-05	Leather - Chemical determination of chromium(VI) content in leather - Part 2: Chromatographic method
DIN EN 17131 2019-09	Textiles and textile products - Determination of Dimethylformamide (DMF), method using gas chromatography
DIN EN ISO 17226-1 2021-05	Leather - Chemical determination of formaldehyde content - Part 1: Method using high-performance liquid chromatography

Valid from: 23.02.2023

Date of issue: 14.12.2023

**Annex to the Partial Accreditation Certificate D-PL-17362-01-02**

DIN EN ISO 17226-2 2019-04	Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis
DIN EN ISO 17234-1 2020-12	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants
DIN EN ISO 17234-2 2011-06	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 2: Determination of 4-aminoazobenzene
DIN EN ISO 18218-1 2015-11	Leather - Determination of ethoxylated alkylphenols - Part 1: Direct method
DIN EN ISO 18254-1 2016-09	Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS
DIN EN ISO 19070 2016-07	Leather - Chemical determination of N-methyl-2-pyrrolidone (NMP) in leather
DIN EN ISO 19071 2016-07	Leather - Chemical tests - Determination of chromium(VI) and the reductive potential for chromium tanning agents
DIN EN ISO 21084 2019-06	Textiles - Method for determination of alkylphenols (AP)
DIN EN ISO 23702-1 2019-02	Leather - Organic fluorine - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS)
DIN EN ISO 27587 2021-06	Leather - Chemical tests - Determination of free formaldehyde in process auxiliaries
DIN 53308 1968-10	Testing of leather; determination of the contents of total nitrogen and of ammonium salts; calculation of hide substance
FILK-QMA-2003 2021-06	Determination of hydroxyproline content of leather and collagen containing products by photometry
FILK-QMA-2013 2021-06	Acidimetric determination of amide nitrogen of collagen containing products
FILK-QMA-2014 2019-10	Detection of proteins in collagen containing materials by biuret reaction
FILK-QMA-2015 2021-06	Determination of chloride content of collagen containing materials by argentometry and potentiometry

Valid from: 23.02.2023

Date of issue: 14.12.2023

**Annex to the Partial Accreditation Certificate D-PL-17362-01-02**

FILK-QMA-2063  
2021-07

Ion chromatographic determination of the amide nitrogen content of  
collagen-containing products

**Verwendete Abkürzungen:**

DIN	German institute for standardization
EN	European Standard
FILK-QMA	In house method of the FILK Freiberg Institute gGmbH
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization

Valid from: 23.02.2023

Date of issue: 14.12.2023

**Page 5 of 5**

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