

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-19569-02-05 according to DIN EN ISO/IEC 17025:2018

Valid from: 12.06.2023

Date of issue: 12.06.2023

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**

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.

physical, physico-chemical and chemical testing of material samples and furnishings

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.

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

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

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

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1 Physico-chemical and chemical testing of material samples, furnishings and chemical products

1.1 Determination of contaminants by means of gas chromatography using mass-selective detectors (MS) in chemical products, material samples and furnishings**

DIN EN ISO 11890-2
2013-07 **Paints and varnishes - Determination of volatile organic compound (VOC) content - Part 2: Gas-chromatographic method (ISO 11890-2:2013); German version EN ISO 11890-2:2013**
(Modification: Matrix also material samples and furnishings; lower sample weight; quantification of individual substances; other ISTD)

LA-GC-002.01
2020-10 GC/MS determination of industrial chemicals in commodities, chemical products and furnishings

LA-GC-003.01
2018-08 **GC-MS determination of wood preservatives in chemical products**

LA-GC-006.01
2018-10 **GC/MS determination of chlorinated compounds (e.g. PCB) in polymers, commodities and construction products**

LA-GC-013.01
2018-10 Headspace GC-MS determination of volatile organic compounds (VOC) in material samples

1.2 Determination of formaldehyde by means of photometry in dispersion paints and glue

VdL-RL-03
2018-02 **Determination of the formaldehyde concentration in water-dilutable dispersion paints and related products**
(Modification: Matrix only dispersion paints and glue, smaller batch for decomposition, dihydropyridine synthesis and titration)

1.3 Determination of isothiazolinones by means of liquid chromatography using conventional detectors (DAD) in material samples and chemical products

LA-LC-002.01
2014-10 HPLC-DAD determination of isothiazolinones in material samples

1.4 Identification and composition by means of molecular spectroscopy (FTIR, Raman) **

LA-IR-001.01
2019-02 FTIR – Identification of material samples using ATR

LA-Raman-001.01
2019-02 Identification of material samples using Raman microscopy

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Abbreviations used:

ATR	Attenuated total reflection
DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LA-xx(xxx)-yyy.yy	In-house method of PiCA Prüfinstitut Chemische Analytik GmbH
PCB	Polychlorinated biphenyls
VdL-RL	German Paint and Printing Ink Association (VdL) Guideline

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