

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the reference material producer

NEOCHEMA GmbH
Uwe-Zeidler-Ring 10, 55294 Bodenheim

meets the minimum requirements according to DIN EN ISO 17034:2017 for the conformity assessment listed in the annex to this certificate. This includes additional existing legal and normative requirements, including those in relevant sectoral schemes.

The management system requirements of DIN EN ISO 17034 are written in the language relevant to the operations of reference material producers and confirm generally with the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 01.11.2022 with accreditation number D-RM-19554-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 3 pages.

Registration number of the accreditation certificate: **D-RM-19554-01-00**

Berlin, 25.11.2022

Dr. Olga Lettau
Head of Technical Unit

Translation issued:
25.11.2022

Dr. Olga Lettau
Head of Technical Unit

The certificate together with the annex 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 (www.dakks.de).

Deutsche Akkreditierungsstelle GmbH

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10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
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The Deutsche Akkreditierungsstelle GmbH (DAkKS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkKS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkKS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-RM-19554-01-00 according to DIN EN ISO 17034:2017

Valid from: 01.11.2022

Date of issue: 01.11.2022

Holder of accreditation certificate:

NEOCHEMA GmbH

Uwe-Zeidler-Ring 10, 55294 Bodenheim

The reference material producer meets the minimal requirements of DIN EN ISO 17034:2017 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below.

The management system requirements of DIN EN ISO 17034 are written in the language relevant to the operations of reference material producers and confirm generally with the principles of DIN EN ISO 9001.

Reference material production in the fields:

Certified reference materials and reference materials in the form of single and multi-component solutions of pure organic substances

The reference material producer maintains an up-to-date list of reference materials/certified reference materials in the accredited 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.

1 Certified reference materials of single and multi-component solutions of pure organic substances

| Product | Property | Area | Approach to characterisation |
|---|---------------|----------------------|------------------------------|
| Single and multi-component solutions of <ul style="list-style-type: none"> - Alkanes - Alcohols and ethers - Organic acids and esters - Carbonylene and its derivatives - Aromatics - Heterocycles - Polycyclic aromatic hydrocarbons (PAHs) - Polybrominated and polychlorinated biphenyls (PCBs and PBBs) - Organic pesticides - Organic pharmaceutical raw materials - Highly volatile chlorinated/ halogenated hydrocarbons (VOCs) with boiling point > 30 °C | Concentration | 0,1 – 100000 µg / ml | d), e) |

- d) Characterisation of the reference values is by means of transferring values between a CRM and a CRM candidate closely matched with it and is carried out by a laboratory using a single, non-primary method in accordance with ISO 17034, section 7.12.3, note 1d)
- e) Characterisation of the reference values is based on the mass or volume of the components used in the preparation of the CRM in accordance with ISO 17034, section 7.12.3, note 1e)

2 Reference materials of single and multi-component solutions of pure organic substances

| Product | Property | Area | Approach to characterisation |
|---|---------------|----------------------|------------------------------|
| Single and multi-component solutions of pure organic substances | Concentration | 0,1 – 100000 µg / ml | d), e) |

- d) Characterisation of the reference values is by means of transferring values between an RM and an RM candidate closely matched with it and is carried out by a laboratory using a single, non-primary method in accordance with ISO 17034, section 7.12.3, note 1d)
- e) Characterisation of the reference values is based on the mass or volume of the components used in the preparation of the RM in accordance with ISO 17034, section 7.12.3, note 1e)

Abbreviations used:

| | |
|-----|---|
| DIN | Deutsches Institut für Normung e. V. (German Institute for Standardization) |
| EN | European standard |
| ISO | International Organization for Standardization |
| RM | Reference material |
| CRM | Certified reference material |