

Accreditation



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

LGC GmbH
Louis-Pasteur-Straße 30, 14943 Luckenwalde

meets the requirements according to DIN EN ISO 17034:2017 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the reference material producer, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of DIN EN ISO 17034 are written in the language relevant to the operations of reference material producers and they conform to 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 17.01.2024 with accreditation number D-RM-14176-01.
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-14176-01-00**

Berlin, 17.01.2024

Dr. Olga Lettau
Head of Technical Unit

Translation issued:
17.01.2024



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).

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

See notes overleaf

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

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-14176-01-00 according to DIN EN ISO 17034:2017

Valid from: 17.01.2024

Date of issue: 17.01.2024

Holder of accreditation certificate:

LGC GmbH
Louis-Pasteur-Straße 30, 14943 Luckenwalde

with the locations

LGC GmbH
Louis-Pasteur-Straße 30, 14943 Luckenwalde

LGC GmbH
Im Biotechnologiepark 3 (TGZ II), 14943 Luckenwalde

LGC GmbH
Im Biotechnologiepark 7 (TGZ III), 14943 Luckenwalde

The reference material producer meets the requirements of DIN EN ISO 17034:2017 to carry out the conformity assessment activities listed in this annex. The reference material producer 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 17034 are written in the language relevant to the operations of reference material producers and they conform to 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>.

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.

Annex to the Accreditation Certificate D-RM-14176-01-00

Reference material production in the fields:

reference materials and certified reference materials for organic neat compounds and mixtures thereof including salts thereof (e. g. pharmaceutically or forensically relevant substances);
reference materials and certified reference materials in the form of single component and multi component solutions of organic neat compounds including salts thereof (e. g. pharmaceutically or forensically relevant substances)

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

1 Reference materials for organic neat compounds and mixtures as well as their solutions

Product	Characteristic	Range	Characterization strategy
Pure Organic Substances	Identity	-----	a), b) or d)
	Content	≥ 90 % m/m	a), b) or d)
Solid mixtures of organic substances	Identity	-----	a), b) or d)
	Content	Each single component ≥ 0,5% m/m	a), b), d) or e)
Pure organic substances in the form of single and multi-component solutions	Concentration	0,005 – 10 g/l	b), d) or e)

Valid from: 17.01.2024

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Annex to the Accreditation Certificate D-RM-14176-01-00

2 Certified reference materials for organic neat compounds and mixtures as well as their solutions

Product	Characteristic	Range	Characterization strategy
Pure Organic Substances	Identity	-----	a), b) or d)
	Content	≥ 90 % m/m	a), b) or d)
Solid mixtures of organic substances	Identity	-----	a), b) or d)
	Content	Each single component ≥ 0,5% m/m	b), d) or e)
Pure organic substances in the form of single and multi-component solutions	Concentration	0,005 – 10 g/l	d) or e)

- a) The use of a single reference measurement method (as defined in ISO/IEC Guide 99) in a single laboratory in accordance with DIN EN ISO 17034:2017 Par. 7.12.3 Note 1a).
- b) The characterization of a non-operationally defined measurand is carried out using two or more methods of demonstrable accuracy in one or more competent laboratories in accordance with DIN EN ISO 17034:2017 Par. 7.12.3 Note 1b)
- d) The transfer of values from an RM to a closely matched candidate RM using a single measurement procedure performed by one laboratory in accordance with DIN EN ISO 17034:2017 Par. 7.12.3 Note 1d).
- e) The characterization is based on mass or volume of ingredients used in the preparation of the RM according to DIN EN ISO 17034:2017 Par. 7.12.3 Note 1e).

Abbreviations used:

- DIN Deutsches Institut für Normung e.V. – German institute for standardization
 EN Europäische Norm – European Standard
 ISO International Organization for Standardisation

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