

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the testing laboratory

Heraeus Precious Metals GmbH & Co. KG
Heraeusstraße 12-14, 63450 Hanau

meets the requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the testing laboratory, 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/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.

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 19.10.2023 with accreditation number D-PL-19273-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.

Registration number of the accreditation certificate: **D-PL-19273-01-00**

Berlin, 19.10.2023

Dr. Olga Lettau
Head of Technical Unit

Translation issued:
14.02.2024

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

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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-PL-19237-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 19.10.2023

Date of issue: 19.10.2023

Holder of accreditation certificate:

Heraeus Precious Metals GmbH & Co. KG
Heraeusstraße 12-14, 63450 Hanau

with the location

Heraeus Precious Metals GmbH & Co. KG
HPM Analytics
Heraeusstraße 12-14, 63450 Hanau

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 general with the principles of DIN EN ISO 9001.

Tests in the fields:

physico-chemical and chemical analyses of materials containing precious metals

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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1 Element quantification of alloys and precious metal products

00158, Revision: 03 2019-12	Determination of main components in precious metal alloys using XRF
00185, Revision: 03 2019-12	Determination of trace elements in precious metals and precious metal alloys using GD- and Spark discharge-OES
00195, Revision: 02 2020-04	Determination of trace elements in intermediate and end-products of Heraeus production processes using ICP-OES

Abbreviations used:

DIN	German Institute for Standardisation (Deutsches Institut für Normung e. V.)
EN	European Standard
GD	Glow Discharge
00158, 00185 und 00195	Laboratory in-house test method of Heraeus Deutschland GmbH & Co. KG HPM Analytics
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
OES	Optical Emission Spectrometry
XRF	X-ray Fluorescence Spectrometry

Valid from: 19.10.2023

Date of issue: 14.02.2024

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