

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

C. Hafner GmbH + Co. KG
Gold- und Silberscheideanstalt
Maybachstraße 4, 71299 Wimsheim

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out tests in the
following fields:

physical, physical-chemical and chemical analysis of precious metal alloys

The accreditation certificate shall only apply in connection with the notice of accreditation of 26.04.2017 with the accreditation number D-PL-17357-01 and is valid until 25.04.2022. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.

Registration number of the certificate: **D-PL-17357-01-00**

Berlin,
26.04.2017

Andrea Valbuena
Head of Division

Translation issued:
27.04.2017


Head of Division

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

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

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The publication of extracts of the accreditation certificate is subject to the prior written approval by Deutsche Akkreditierungsstelle GmbH (DAkKS). Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf.

No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAkKS.

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). 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 Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations.

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 GmbH

Annex to the Accreditation Certificate D-PL-17357-01-00 according to DIN EN ISO/IEC 17025:2005

Period of validity: 26.04.2017 to 25.04.2022

Date of issue: 26.04.2017

Holder of certificate:

C. Hafner GmbH + Co. KG
Gold- und Silberscheideanstalt
Maybachstraße 4, 71299 Wimsheim

Tests in the fields:

physical, physical-chemical and chemical analysis of precious metal alloys

Abbreviations used: see last page

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.

1 Determination by means of inductively coupled plasma-atomic emissions spectrometry

ISO 11494
2014-12

Jewellery - Determination of platinum in platinum jewellery alloys - ICP-OES method using yttrium as internal standard element
(Deviant: *Direct weighing of samples/standards into a larger sample volume. Use of concentrated stock solution of internal standard solution*)

Annex to the accreditation certificate D-PL-17357-01-00

ISO 11495
2014-12

Jewellery - Determination of palladium in palladium jewellery alloys - ICP-OES method using yttrium as internal standard element
(Deviant: Direct weighing of samples/standards into a larger sample volume. Use of concentrated stock solution of internal standard solution)

2 Determination using dimensional analysis

ISO 11427
2014-11

Jewellery - Determination of silver in silver jewellery alloys - Volumetric (potentiometric) method using potassium bromide

3 Determination using gravimetry

ISO 11426
2014-12

Jewellery - Determination of gold in gold jewellery alloys - Cupellation method (fire assay)

Abbreviations used:

DIN German Institute for Standardisation
EN European standard
IEC International Electrotechnical Commission
ISO International Organization for Standardization