



# SLOVENSKI STANDARD SIST EN ISO 11426:2021

01-junij-2021

Nadomešča:  
SIST EN ISO 11426:2016

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**Nakit in plemenite kovine - Določevanje zlata - Odtopitev primesi v tekočem svincu (ISO 11426:2021)**

Jewellery and precious metals - Determination of gold - Cupellation method (fire assay) (ISO 11426:2021)

Schmuck und Edelmetalle - Bestimmung von Gold - Dokimastisches Verfahren (ISO 11426:2021)

(standards.iteh.ai)

Joallerie, bijouterie et métaux précieux - Dosage de l'or - Méthode de coupellation (essai au feu) (ISO 11426:2021)

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**Ta slovenski standard je istoveten z: EN ISO 11426:2021**

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**ICS:**

39.060      Nakit      Jewellery

**SIST EN ISO 11426:2021**      en,fr,de

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EUROPEAN STANDARD

EN ISO 11426

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2021

ICS 39.060

Supersedes EN ISO 11426:2016

English Version

## Jewellery and precious metals - Determination of gold - Cupellation method (fire assay) (ISO 11426:2021)

Joaillerie, bijouterie et métaux précieux - Dosage de l'or  
- Méthode de coupellation (essai au feu) (ISO  
11426:2021)

Schmuck und Edelmetalle - Bestimmung von Gold -  
Dokimastisches Verfahren (ISO 11426:2021)

This European Standard was approved by CEN on 18 December 2020.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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## European foreword

This document (EN ISO 11426:2021) has been prepared by Technical Committee ISO/TC 174 "Jewellery and precious metals" in collaboration with CCMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2021, and conflicting national standards shall be withdrawn at the latest by September 2021.

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INTERNATIONAL  
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ISO  
11426

Fourth edition  
2021-03

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**Jewellery and precious metals —  
Determination of gold — Cupellation  
method (fire assay)**

*Joannerie, bijouterie et métaux précieux — Dosage de l'or — Méthode  
de coupellation (essai au feu)*

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### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 174, *Jewellery and precious metals*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS M21, *Precious metals - Applications in jewellery and associated products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 11426:2014), which has been technically revised.

The main changes compared to the previous edition are as follows:

- extension of the scope to cover determination of gold in multiple types of alloys, not only in jewellery ones;
- purity of proof samples was re-defined in [Clause 5](#);
- specific procedures are described in [Clause 8](#) for samples with large amount of base metals, containing platinum or palladium, or with a silver/gold ratio higher than 3;
- calculation was adapted to take into account the addition of pure gold and the fineness of the gold used in the proof sample;
- repeatability requirements were changed;
- the use of scorification was removed.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).