



SLOVENSKI STANDARD
SIST EN ISO 11490:2023

01-maj-2023

Nakit in plemenite kovine - Določevanje paladija - Gravimetrija z dimetilglioksimom (ISO 11490:2023)

Jewellery and precious metals - Determination of palladium - Gravimetry using dimethylglyoxime (ISO 11490:2023)

Schmuck und Edelmetalle - Bestimmung von Palladium - Gravimetrie mittels Dimethylglyoxim (ISO 11490:2023)

Joaillerie, bijouterie et métaux précieux - Dosage du palladium - Méthode gravimétrique utilisant la diméthylglyoxime (ISO 11490:2023)

Ta slovenski standard je istoveten z: EN ISO 11490:2023

ICS:

39.060 Nakit Jewellery

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EUROPEAN STANDARD

EN ISO 11490

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 39.060

Supersedes EN ISO 11490:2016

English Version

Jewellery and precious metals - Determination of palladium - Gravimetry using dimethylglyoxime (ISO 11490:2023)

Joallerie, bijouterie et métaux précieux - Dosage du palladium - Méthode gravimétrique utilisant la diméthylglyoxime (ISO 11490:2023)

Schmuck und Edelmetalle - Bestimmung von Palladium - Gravimetrie mittels Dimethylglyoxim (ISO 11490:2023)

This European Standard was approved by CEN on 19 February 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

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European foreword

This document (EN ISO 11490:2023) 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of an identical text or by endorsement, at the latest by September 2023, and conflicting national standards shall be withdrawn at the latest by September 2023.

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Endorsement notice

The text of ISO 11490:2023 has been approved by CEN as EN ISO 11490:2023 without any modification.

INTERNATIONAL
STANDARD

ISO
11490

Third edition
2023-02

**Jewellery and precious metals —
Determination of palladium —
Gravimetry using dimethylglyoxime**

*Joannerie, bijouterie et métaux précieux — Dosage du palladium —
Méthode gravimétrique utilisant la diméthylglyoxime*

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Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	1
5 Reagents.....	1
6 Apparatus.....	2
7 Sampling.....	2
8 Procedure.....	2
8.1 Preliminary analysis.....	2
8.2 Preparation of samples free of silver.....	3
8.3 Preparation of samples containing silver.....	3
8.4 Precipitation of palladium with dimethylglyoxime.....	3
9 Calculation and expression of results.....	4
9.1 Calculation.....	4
9.2 Repeatability.....	4
10 Test report.....	4
Annex A (informative) Reduction apparatus example.....	5
Bibliography.....	6

SIST EN ISO 11490:2023

<https://standards.iteh.ai/catalog/standards/sist/29bf754a-9de0-4a46-95b7-2ed1e7460c43/sist-en-iso-11490-2023>

ISO 11490:2023(E)

Foreword

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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).

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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.

This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/SSM21, *Precious metals — Applications in jewellery and associated products*, in collaboration with ISO Technical Committee TC 174, *Jewellery*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 11490:2015), which has been technically revised.

The main changes are as follows:

- extension of the scope of application to all precious metal alloys beyond the jewellery sector;
- clarification of the fineness for which the test is suitable;
- addition of a specific preparation for samples containing a significant amount of silver in [Clause 8](#);
- change of precipitation method in [Clause 8](#);
- suppression of the use of hydrofluoric acid and sulfuric acid;
- harmonization of method with ISO 11210.

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.