



BSI Standards Publication

Jewellery — Determination of palladium in palladium jewellery alloys — ICP-OES method using yttrium as internal standard element (ISO 11495:2014)

National foreword

This British Standard is the UK implementation of EN ISO 11495:2016. It is identical to ISO 11495:2014. It supersedes BS ISO 11495:2014 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/53, Specifications and test methods for jewellery and horology.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2014.

Amendments/corrigenda issued since publication

Date	Text affected
30 November 2016	This corrigendum renumbers BS ISO 11495:2014 as BS EN ISO 11495:2016

English Version

**Jewellery - Determination of palladium in palladium
jewellery alloys - ICP-OES method using yttrium as
internal standard element (ISO 11495:2014)**

Joaillerie, bijouterie - Dosage du palladium dans les
alliages de palladium pour la joaillerie, bijouterie -
Méthode par ICP-OES utilisant l'yttrium comme étalon
interne (ISO 11495:2014)

Schmuck - Bestimmung von Palladium in
Palladiumschmucklegierungen - ICP-OES Verfahren
unter Verwendung von Yttrium als Internem
Standardelement (ISO 11495:2014)

This European Standard was approved by CEN on 26 August 2016.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of ISO 11495:2014 has been prepared by Technical Committee ISO/TC 174 “Jewellery” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11495:2016.

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of an identical text or by endorsement, at the latest by April 2017, and conflicting national standards shall be withdrawn at the latest by April 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 11495:2014 has been approved by CEN as EN ISO 11495:2016 without any modification.

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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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 174, *Jewellery*.

This second edition cancels and replaces the first edition (ISO 11495:2008), which has been technically revised with the following changes:

- a) change in the scope that this method is the referee method;
- b) addition of a warning in [Clause 8](#) that suitable health and safety procedures should be followed;
- c) addition of a standard solution in [8.1](#);
- d) addition of an alternative calibration solution in [8.2.2](#);
- e) addition of an alternative sample solution in [8.3.2](#);
- f) addition of an alternative route for calculation in [8.5.4](#);
- g) International Standard editorially revised.