
**Jewellery and precious metals —
Determination of platinum in
platinum alloys — ICP-OES method
using an internal standard element**

*Joierie et métaux précieux — Dosage du platine dans les alliages de
platine — Méthode par ICP-OES utilisant un étalon interne*

Preview

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Foreword

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This document was prepared by Technical Committee ISO/TC 174, *Jewellery and precious metals*.

This third edition cancels and replaces the second edition (ISO 11494:2014), which has been technically revised.

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

- a) the definition of bracketing in [Clause 3](#) has been removed;
- b) the recommended lines in [Clause 4](#) have been removed;
- c) reagents in [Clause 5](#) have been changed and removed, and the requirements about yttrium in [5.4](#) have been changed;
- d) the preparation of the internal standard solution in [8.1](#) has been changed;
- e) the list of standards to be prepared and precisions about qualification of them by linearity as well as way to choose the low and high standards in [8.2](#) have been changed;
- f) the way of preparation by aliquots for both standard and sample solutions in [8.2](#) and [8.3](#) has been removed;
- g) the preparation of both standard and sample solutions in [8.2](#) and [8.3](#) has been changed;
- h) precisions about quantity of acids to be used in case of dissolution under pressure in [8.4](#) have been added;
- i) the definition of bracketing and recommended lines in [8.5](#) have been added;
- j) the formulae in [9.1](#) after having removed the way of preparation by aliquots have been adapted;
- k) the emission line as an information to be mentioned in the test report in [Clause 10](#) has been removed;

l) the document has been editorially revised.

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.

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