

Irish Standard I.S. EN 15022-4:2011

Copper and copper alloys - Determination of tin content - Part 4: Medium tin content - Flame atomic absorption spectrometric method (FAAS)

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Supersedes CEN/TS 15022-4:2006

English Version

Copper and copper alloys - Determination of tin content - Part 4: Medium tin content - Flame atomic absorption spectrometric method (FAAS)

Cuivre et alliages de cuivre - Détermination de la teneur en étain - Partie 4: Étain en moyenne teneur - Méthode par spectrométrie d'absorption atomique dans la flamme (SAAF)

Kupfer und Kupferlegierungen - Bestimmung des Zinngehaltes - Teil 4: Mittlerer Zinngehalt -Flammenatomabsorptionsspektrometrisches Verfahren (FAAS)

This European Standard was approved by CEN on 24 September 2011.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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EN 15022-4:2011 (E)

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Foreword

This document (EN 15022-4:2011) has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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.

This document supersedes CEN/TS 15022-4:2006.

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 10 "Methods of analysis" to prepare the revision of the following document:

CEN/TS 15022-4:2006, Copper and copper alloys — Determination of tin content — Part 4: Medium tin content — Flame atomic absorption spectrometry method (FAAS).

In comparison with the first edition of CEN/TS 15022-4:2006, the following significant technical changes were made:

- a) conversion into a European Standard;
- b) Clause 9 completely revised and the results of the precision test included.

This is one of four parts of the standard for the determination of tin content in copper and copper alloys. The other parts are:

- prEN 15022-1, Copper and copper alloys Determination of tin content Part 1: Titrimetric method (Part 1 will be the subject of a future work);
- CEN/TS 15022-2, Copper and copper alloys Determination of tin content Part 2: Spectrophotometric method;
- EN 15022-3, Copper and copper alloys Determination of tin content Part 3: Low tin content Flame atomic absorption spectrometry method (FAAS).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.



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