



BSI Standards Publication

Copper and copper alloys - Determination of zinc content

Part 2: Flame atomic absorption spectrometric method (FAAS)

National foreword

This British Standard is the UK implementation of EN 15024-2:2018. It supersedes BS EN 15024-2:2006, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee NFE/34, Copper and copper alloys.

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

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Copper and copper alloys - Determination of zinc
content - Part 2: Flame atomic absorption spectrometric
method (FAAS)

Cuivre et alliages de cuivre - Détermination de la
teneur en zinc - Partie 2 : Méthode par spectrométrie
d'absorption atomique dans la flamme (SAAF)

Kupfer und Kupferlegierungen -
Bestimmung des Zinkgehaltes - Teil 2:
Flammenatomabsorptionsspektrometrisches
Verfahren (FAAS)

This European Standard was approved by CEN on 18 January 2018.

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European foreword

This document (EN 15024-2:2018) 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of an identical text or by endorsement, at the latest by October 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

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

This document supersedes [EN 15024-2:2006](#).

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 10 “Methods of analysis” to prepare the following standard:

EN 15024-2, *Copper and copper alloys — Determination of zinc content — Part 2: Flame atomic absorption spectrometric method (FAAS)*

This is one of two parts of the standard for the determination of zinc content in copper and copper alloys. The other part is:

prEN 15024-1, *Copper and copper alloys — Determination of zinc content — Part 1: Titrimetric method*

In comparison with [EN 15024-2:2006](#), the following significant changes were made:

- a) The upper limit of the zinc mass fraction has been reduced from 6,0 % to 5,0 %;
- b) Fluoroboric-nitric acid mixture has been replaced by a solution of hydrochloric and nitric acids for the dissolution of the test portion;
- c) The concentrations of the zinc stock solution and the copper base solutions have been modified;
- d) The use of a continuum source xenon short arc lamp has been added as an alternative to the use of a zinc hollow-cathode lamp;
- e) The precision data have been updated.

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