

Zinc and zinc alloys — Chemical analysis —

Part 6: Determination of aluminium and iron — Flame atomic absorption spectrometric method

The European Standard EN 12441-6:2003 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN 12441-6:2003.

The UK participation in its preparation was entrusted to Technical Committee NFE/8, Zinc and zinc alloys, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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English version

**Zinc and zinc alloys - Chemical analysis - Part 6: Determination
of aluminium and iron-Flame atomic absorption spectrometric
method**

Zinc et alliages de zinc - Analyse chimique - Partie 6:
Dosage de l'aluminium et du fer-Méthode par spectrométrie
d'absorption atomique dans la flamme

Zink und Zinklegierungen - Chemische Analyse - Teil 6:
Bestimmung von Aluminium und Eisen - FAAS-Verfahren

This European Standard was approved by CEN on 21 November 2002.

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Foreword

This document (EN 12441-6:2003) has been prepared by Technical Committee CEN /TC 209 "Zinc and zinc alloys, the secretariat of which is held by AFNOR".

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of an identical text or by endorsement, at the latest by September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

Within its programme of work, Technical Committee CEN/TC 209 entrusted CEN/TC 209/WG6 "Methods of analysis and testing" with the preparation the following document:

EN12441-6, Zinc and zinc alloys - Chemical analysis - Part 6: Determination of aluminium and iron - Flame atomic absorption spectrometric method.

This standard is part of a series of eleven standards. The other standards are:

- ³/₄ EN 12441-1, *Zinc and zinc alloys – Chemical analysis – Part 1: Determination of aluminium in zinc alloys – Titrimetric method;*
- ³/₄ EN 12441-2, *Zinc and zinc alloys – Chemical analysis – Part 2: Determination of magnesium in zinc alloys – Flame atomic absorption spectrometric method;*
- ³/₄ EN 12441-3, *Zinc and zinc alloys – Chemical analysis – Part 3: Determination of lead, cadmium and copper – Flame atomic absorption spectrometric method;*
- ³/₄ EN 12441-4, *Zinc and zinc alloys – Chemical analysis – Part 4: Determination of iron in zinc alloys – Spectrophotometric method.*
- ³/₄ EN 12441-5, *Zinc and zinc alloys – Chemical analysis – Part 5: Determination of iron in primary zinc – Spectrophotometric method;*
- ³/₄ prEN 12441-7, *Zinc and zinc alloys – Chemical analysis – Part 7: Determination of tin – Flame atomic absorption spectrometric method after extraction;*
- ³/₄ prEN 12441-8, *Zinc and zinc alloys – Chemical analysis – Part 8: Determination of tin in secondary zinc – Flame atomic absorption spectrometric method;*
- ³/₄ prEN 12441-9, *Zinc and zinc alloys – Chemical analysis – Part 9: Determination of nickel in zinc alloys – Flame atomic absorption spectrometric method;*
- ³/₄ prEN 12441-10, *Zinc and zinc alloys – Chemical analysis – Part 10: Determination of chromium and titanium in zinc alloys – Spectrophotometric method;*
- ³/₄ prEN 12441-11, *Zinc and zinc alloys – Chemical analysis – Part 11: Determination of silicon in zinc alloys – Spectrophotometric method;*

Annex A is normative.

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