

Zinc and zinc alloys — Chemical analysis —

Part 1: Determination of aluminium in zinc alloys — Titrimetric method

The European Standard EN 12441-1:2001, with the incorporation of amendment A1:2004, has the status of a British Standard

ICS 77.120.60; 77.040.30

National foreword

This British Standard is the official English language version of EN 12441-1:2001, including amendment A1:2004. It supersedes BS 3630-6:1965 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee NFE/8, Zinc and zinc alloys, to Subcommittee NFE/8/4, Sampling and analysis of 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;
- monitor related international and European developments and promulgate them in the UK.

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

Cross-references

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 10, an inside back cover and a back cover.

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Amendments issued since publication

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English version

**Zinc and zinc alloys - Chemical analysis - Part 1: Determination
of aluminium in zinc alloys - Titrimetric method**
(includes amendment A1:2004)

Zinc et alliages de zinc - Analyse chimique - Partie 1:
Dosage de l'aluminium dans les alliages de zinc - Méthode
titrimétrique
(inclut l'amendement A1:2004)

Zink und Zinklegierungen - Chemische Analyse - Teil 1:
Bestimmung von Aluminium in Zinklegierungen -
Titrimetrisches Verfahren
(enthält Änderung A1:2004)

This European Standard was approved by CEN on 11 August 2001, and amendment A1 was approved by CEN on 21 June 2004.

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Foreword

This European Standard 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of an identical text or by endorsement, at the latest by April 2002, and conflicting national standards shall be withdrawn at the latest by April 2002.

Within its programme of work, Technical Committee CEN/TC 209 entrusted CEN/TC 209/WG 6 "Methods of analysis and testing" with the preparation of the following document:

EN 12441-1, *Zinc and zinc alloys - Chemical analysis - Part 1: Determination of aluminium in zinc alloys – Titrimetric method.*

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

- *Part 2 : Determination of magnesium in zinc alloys – Flame atomic absorption spectrometric method*
- *Part 3 : Determination of lead, cadmium and copper - Flame atomic absorption spectrometric method*
- *Part 4 : Determination of iron in zinc alloys - Spectrophotometric method*
- *Part 5 : Determination of iron in primary zinc - Spectrophotometric method*
- *Part 6 : Determination of aluminium and iron - Flame atomic absorption spectrometric method*
- *Part 7 : Determination of tin - Flame atomic absorption spectrometric method after extraction*
- *Part 8 : Determination of tin in secondary zinc - Flame atomic absorption spectrometric method*
- *Part 9 : Determination of nickel in zinc alloys - Flame atomic absorption spectrometric method*
- *Part 10 : Determination of chromium and titanium in zinc alloys – Spectrophotometric method*
- *Part 11 : Determination of silicon in zinc alloys - Spectrophotometric method*

The annexes A and B are informative.

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