

SLOVENSKI STANDARD
SIST EN 12441-2:2004/A1:2004
01-januar-2004

7]b_]b`Wb_cj Yn`HbYÈ?Ya] bUUbU]nUÈ&"XY. 8 c`c Yj Ub`Y'a U[bYn]Uj
Wb_cj] n`HbU ÈAYrcXUd`Ua Ybg_YUrca g_YUVgcfW]g_YgdY_lfca Yf]YÈ
8 cdc`b]c`5%

Zinc and zinc alloys - Chemical analysis - Part 2: Determination of magnesium in zinc alloys - Flame atomic absorption spectrometric method

Zink und Zinklegierungen - Chemische Analyse Teil 2: Bestimmung von Magnesium in Zinklegierungen - FAAS-Verfahren

Zinc et alliages de zinc - Analyse chimique - Partie 2: Dosage du magnésium dans les alliages de zinc - Méthode par spectrométrie d'absorption atomique dans la flamme

Ta slovenski standard je istoveten z: EN 12441-2:2001/A1:2003

ICS:

77.040.30	Kemijska analiza kovin	Chemical analysis of metals
77.120.60	Svinec, cink, kositer in njihove zlitine	Lead, zinc, tin and their alloys

SIST EN 12441-2:2004/A1:2004 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12441-2:2001/A1

May 2003

ICS 77.040.30; 77.120.60

English version

**Zinc and zinc alloys - Chemical analysis - Part 2: Determination
of magnesium in zinc alloys - Flame atomic absorption
spectrometric method**

Zinc et alliages de zinc - Analyse chimique - Partie 2:
Dosage du magnésium dans les alliages de zinc - Méthode
par spectrométrie d'absorption atomique dans la flamme

Zink und Zinklegierungen - Chemische Analyse - Teil 2:
Bestimmung von Magnesium in Zinklegierungen - FAAS-
Verfahren

This amendment A1 modifies the European Standard EN 12441-2:2001; it was approved by CEN on 18 March 2003.

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

This amendment 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 12441-2:2001/A1:2003) has been prepared by Technical Committee CEN/TC 209 "Zinc and zinc alloys", the secretariat of which is held by AFNOR.

This Amendment to the European Standard EN **12441-2:2001** shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.

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

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EN 12441-2:2001/A1:2003 (E)**5.6 Zinc, 10 g/l solution**

Read the paragraph as follow:

Dissolve 10 g of zinc (99,99 %), free from magnesium, (see 8.3.1), with 60 ml of the acid mixture (5.4). Evaporate to a syrupy consistency. Take up with water and transfer quantitatively to a 1 000 ml volumetric flask. Dilute to the mark with water and mix.

5.7 Aluminium, 1,0 g/l solution

Read the clause as follow:

To 1,0 g of aluminium (99,99 %), free of magnesium, (see 8.3.1), add 10 ml of water and then dissolve with the minimum of hydrochloric acid (5.2). Heat gently to aid dissolution. Cool to room temperature. Transfer quantitatively to a 100 ml volumetric flask. Dilute to the mark with water and mix.

After verification of magnesium contents, (see 8.3.1), transfer exactly 50 ml to 500 ml volumetric flask. Dilute to the mark with water and mix.

8.3.4

Read the clause as follow:

For the analysis of products ZL6 and ZP0610, prepare 2 additional calibration solutions corresponding to magnesium contents (mass fractions) of 0,002% and 0,005 %, by taking respectively 4,00 ml and 10,00 ml aliquots of the standard magnesium solution B (5.10).

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