



SLOVENSKI STANDARD SIST EN ISO 6341:2013

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Nadomešča:

SIST EN ISO 6341:1996

SIST EN ISO 6341:1996/AC:2004

Kakovost vode - Določanje zaviranja gibanja *Daphnia magna* Straus (Cladocera, Crustacea) - Akutni preskus strupenosti (ISO 6341:2012)

Water quality - Determination of the inhibition of the mobility of *Daphnia magna* Straus (Cladocera, Crustacea) - Acute toxicity test (ISO 6341:2012)

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Wasserbeschaffenheit - Bestimmung der Hemmung der Beweglichkeit von *Daphnia magna* Straus (Cladocera, Crustacea) - Akuter Toxizitäts-Test (ISO 6341:2012)

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Qualité de l'eau - Détermination de l'inhibition de la mobilité de *Daphnia magna* Straus (Cladocera, Crustacea) - Essai de toxicité aiguë (ISO 6341:2012)

Ta slovenski standard je istoveten z: EN ISO 6341:2012

ICS:

13.060.70	Preiskava bioloških lastnosti vode	Examination of biological properties of water
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6341

October 2012

ICS 13.060.70

Supersedes EN ISO 6341:1996

English Version

**Water quality - Determination of the inhibition of the mobility of
Daphnia magna Straus (Cladocera, Crustacea) - Acute toxicity
test (ISO 6341:2012)**

Qualité de l'eau - Détermination de l'inhibition de la mobilité
de Daphnia magna Straus (Cladocera, Crustacea) - Essai
de toxicité aiguë (ISO 6341:2012)

Wasserbeschaffenheit - Bestimmung der Hemmung der
Beweglichkeit von Daphnia magna Straus (Cladocera,
Crustacea) - Akuter Toxizitäts-Test (ISO 6341:2012)

This European Standard was approved by CEN on 14 October 2012.

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.

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Foreword

This document (EN ISO 6341:2012) has been prepared by Technical Committee ISO/TC 147 "Water quality" in collaboration with Technical Committee CEN/TC 230 "Water analysis" 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 April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

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 EN ISO 6341:1996.

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

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Endorsement notice

The text of ISO 6341:2012 has been approved by CEN as a EN ISO 6341:2012 without any modification.

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INTERNATIONAL STANDARD

**ISO
6341**

Fourth edition
2012-10-15

Water quality — Determination of the inhibition of the mobility of *Daphnia magna* Straus (Cladocera, Crustacea) — Acute toxicity test

Qualité de l'eau — Détermination de l'inhibition de la mobilité de Daphnia magna Straus (Cladocera, Crustacea) — Essai de toxicité aiguë

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 6341 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 5, *Biological methods*.

This fourth edition cancels and replaces the third edition (ISO 6341:1996), which has been technically revised. It also incorporates the Technical Corrigendum ISO 6341:1996/Cor. 1:1998.

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Introduction

This International Standard specifies a procedure for the determination of the acute toxicity of chemicals, waters and waste waters to the water flea *Daphnia magna* Straus.

The evaluation of harmful effects on water quality has for several years involved the performance of biological tests. Crustaceans are of interest from the ecotoxicological point of view because they are primary consumers and a major component of the zooplankton in aquatic ecosystems.

The test specified in this International Standard involves the determination of the immobilization of the water flea *Daphnia magna* Straus after 24 h or 48 h exposure (depending on the requirement of users or national authorities) to the test sample under the conditions specified in this International Standard.

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