

SLOVENSKI STANDARD oSIST prEN ISO 6341:2011

01-marec-2011

Kakovost vode - Določanje zaviranja gibanja Daphnia magna Straus (Cladocera, Crustacea) - Akutni preskus strupenosti (ISO/DIS 6341:2010)

Water quality - Determination of the inhibition of the mobility of Daphnia magna Straus (Cladocera, Crustacea) - Acute toxicity test (ISO/DIS 6341:2010)

Wasserbeschaffenheit - Bestimmung der Hemmung der Beweglichkeit von Daphnia magna Straus (Cladocera, Crustacea) - Akuter Toxizitäts-Test (ISO/DIS 6341:2010)

Qualité de l'eau - Détermination de l'inhibition de la mobilité de Daphnia magna Straus (Cladocera, Crustacea) - Essai de toxicité aiguë (ISO/DIS 6341:2010)

Ta slovenski standard je istoveten z: prEN ISO 6341

ICS:

13.060.70 Preiskava bioloških lastnosti Examination of biological

vode properties of water

oSIST prEN ISO 6341:2011 en,fr,de

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

DRAFT prEN ISO 6341

November 2010

ICS 13.060.70

Will supersede 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/DIS 6341:2010)

Qualité de l'eau - Détermination de l'inhibition de la mobilité de Daphnia magna Straus (Cladocera, Crustacea) - Essai de toxicité aiguë (ISO/DIS 6341:2010) Wasserbeschaffenheit - Bestimmung der Hemmung der Beweglichkeit von Daphnia magna Straus (Cladocera, Crustacea) - Akuter Toxizitäts-Test (ISO/DIS 6341:2010)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 230.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

prEN ISO 6341:2010 (E)

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prEN ISO 6341:2010 (E)

Foreword

This document (prEN ISO 6341:2010) 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 document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 6341:1996.

Endorsement notice

The text of ISO/DIS 6341:2010 has been approved by CEN as a prEN ISO 6341:2010 without any modification.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 6341

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • MEЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО CTAHДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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

[Revision of third edition (ISO 6341:1996) and ISO 6341:1996/Cor.1:1998]

ICS 13.060.70

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.

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ISO/DIS 6341

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ISO/DIS 6341

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.

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ISO/DIS 6341

Introduction

This International Standard defines 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 immobilisation of the water-flea *Daphnia magna* Straus after 24 h exposure to the toxicant under the conditions defined in this International Standard.

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