

Water quality — Determination of long term toxicity of substances to *Daphnia magna* Straus (Cladocera, Crustacea)

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National foreword

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- 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.

This is one of a series of standards on water quality, others of which have been, or will be, published as Sections of BS 6068. The various Sections of BS 6068 are comprised within Parts 1 to 7, which, together with Part 0, are listed below.

- Part 0 *Introduction*
- Part 1 *Glossary*
- Part 2 *Physical, chemical and biochemical methods*
- Part 3 *Radiological methods*
- Part 4 *Microbiological methods*
- Part 5 *Biological methods*
- Part 6 *Sampling*
- Part 7 *Precision and accuracy*

Note. The tests described in this British Standard should only be carried out by suitable qualified persons with an appropriate level of biological expertise. Standard biological procedures should be followed throughout.

Cross-references

The British Standards which implement international publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to v, a blank page, pages 1 to 17 and a back cover.

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**Water quality — Determination of long term
toxicity of substances to *Daphnia magna*
Straus (*Cladocera*, *Crustacea*)**

*Qualité de l'eau — Détermination de la toxicité à long terme de substances
vis-à-vis de Daphnia magna Straus (Cladocera, Crustacea)*



Reference number
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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.

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

International Standard ISO 10706 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 5, *Biological methods*.

Annexes A, B, C and D of this International Standard are for information only.

Introduction

This International Standard defines a procedure for the determination of the long term sublethal toxicity of chemicals, waters and waste waters to the water-flea *Daphnia magna* Straus. The methodology is adapted from a guideline produced by the Organisation for Economic Co-operation and Development (OECD Guideline 211, see reference [1] in the Bibliography).

