

# Water quality — Fresh water algal growth inhibition test with *Scenedesmus subspicatus* and *Selenastrum capricornutum*

UDC 628.1/.3:620.1:543.39:582.263

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Environment and Pollution Standards Policy Committee (EPC/-) to Technical Committee EPC/44, upon which the following bodies were represented:

- Association of Consulting Scientists
- British Association for Chemical Specialities
- British Gas plc
- Chemical Industries Association
- Department of the Environment for Northern Ireland
- Department of the Environment (Water Directorate)
- Department of Trade and Industry (Laboratory of the Government Chemist)
- Electricity Supply Industry in England and Wales
- Industrial Water Society
- Institute of Petroleum
- Institution of Gas Engineers
- Institution of Water and Environmental Management
- National Rivers Authority
- Royal Institute of Public Health and Hygiene
- Royal Society of Chemistry
- Scottish Association of Directors of Water and Sewerage Services
- Soap and Detergent Industry Association
- Water Companies Association
- Water Research Centre
- Water Services Association of England and Wales

This British Standard, having been prepared under the direction of the Environment and Pollution Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 August 1990

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The following BSI references relate to the work on this standard:  
Committee reference EPC/44  
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## Amendments issued since publication

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# Contents

|                                    | Page               |
|------------------------------------|--------------------|
| Committees responsible             | Inside front cover |
| National foreword                  | ii                 |
| Foreword                           | 2                  |
| 1 Scope                            | 3                  |
| 2 Principle                        | 3                  |
| 3 Definitions and abbreviations    | 3                  |
| 4 Materials                        | 3                  |
| 5 Apparatus                        | 4                  |
| 6 Procedure                        | 4                  |
| 7 Validity criteria                | 6                  |
| 8 Expression of results            | 6                  |
| 9 Denotion of results              | 7                  |
| 10 Interpretation of results       | 7                  |
| 11 Reproducibility                 | 7                  |
| 12 Test report                     | 7                  |
| Annex A (informative) Bibliography | 8                  |
| Table 1                            | 4                  |
| Table 2                            | 7                  |

## National foreword

This Section of BS 6068, which has been prepared under the direction of the Environment and Pollution Standards Policy Committee is identical with ISO 8692:1989 “*Water quality — Fresh water algal growth inhibition test with *Scenedesmus subspicatus* and *Selenastrum capricornutum**”.

In 1993 the European Committee for Standardization (CEN) accepted ISO 8692:1989 as European Standard EN 28692:1993. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN 28692 and any reference to BS 6068-5.10 should be read as a reference to BS EN 28692.

The international standard was prepared by subcommittee 5, Biological methods, of Technical Committee 147, Water quality, of the International Organization for Standardization (ISO) with the active participation and approval of the UK.

NOTE The tests described in this Section of BS 6068 should only be carried out in laboratories with suitable facilities and by suitably qualified persons with an appropriate level of biological expertise. Standard biological procedures should be followed throughout.

BS 6068 is being published in a series of Parts subdivided into Sections that will generally correspond to particular international standards. Sections are being, or will be, published in 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.*

**Textual errors.** When adopting the text of the international standard, the following textual errors were discovered. They have been marked in the text and reported to ISO in a proposal to amend the text of the international standard.

In 4.1, in the address of the American Type Culture Collection, “12301 Parklane Drive” should read “12301 Parklawn Drive”.

In 6.6, line 8 of the note, “4 W to 7,3 W” should read “4 to 7 (in number) 30 W”.

**Additional information.** In 6.6, final paragraph, aeration using a non-sterile air supply could contaminate the test culture.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Environmental protection, water pollution, water tests, bioassay, fresh water, quality, algae, inhibition, growth, toxic substances, toxicity

English version

# Water quality — Fresh water algal growth inhibition test with *Scenedesmus subspicatus* and *Selenastrum capricornutum*

(ISO 8692:1989)

Qualité de l'eau — Essai d'inhibition de la  
croissance des algues d'eau douce avec  
*Scenedesmus subspicatus* et *Selenastrum  
capricornutum* (ISO 8692:1989)

Wasserbeschaffenheit — Wachstumshemmtest  
mit den Süßwasseralgen *Scenedesmus  
subspicatus* und *Selenastrum capricornutum*  
(ISO 8692:1989)

This European Standard was approved by CEN on 1993-01-20. 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 Central Secretariat or to any CEN member.

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