

Water quality — Determination of phosphorus — Ammonium molybdate spectrometric method

The European Standard EN 1189 : 1996 has the status of a
British Standard

ICS 13.060.01

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The preparation of this British Standard was entrusted by Technical Committee EH/3, Water quality, to subcommittee EH/3/2, Physical, chemical and biochemical methods, upon which the following bodies were represented:

- British Agrochemicals Association Ltd.
- British Ceramic Research Ltd.
- British Gas plc
- British Soft Drinks Association Ltd.
- Chartered Institution of Water and Environmental Management
- Chemical Industries' Association
- Convention of Scottish Local Authorities
- Environment Agency
- GAMBICA (BEAMA) Ltd.
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- Royal Society of Chemistry
- Soap and Detergent Industry Association
- Society of Chemical Industry
- Swimming Pool and Allied Trades Association Ltd.
- Water Companies Association
- Water Research Centre
- Water Services Association of England and Wales

This British Standard, having been prepared under the direction of the Health and Environment Sector Board, was published under the authority of the Standards Board and comes into effect on 15 June 1997

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Amendments issued since publication

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National foreword

This British Standard has been prepared under the direction of the Health and Environment Sector Board and is the English language version of EN 1189 : 1996 *Water quality — Determination of phosphorus — Ammonium molybdate spectrometric method*, published by the European Committee for Standardization (CEN). The European Standard was prepared by Technical Committee 230, Water analysis, of CEN with the active participation and approval of the UK. This British Standard supersedes BS 6068 : Section 2.28 : 1986 which is withdrawn.

BS EN 1189 is one of a series of standards on water quality, others of which have been, or will be, published as Sections of BS 6068. This standard has therefore been given the secondary identifier BS 6068 : Section 2.28. The various Sections of BS 6068 comprise 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 suitably qualified persons with an appropriate level of chemical expertise. Standard chemical procedures should be followed throughout.

Textual error. When implementing the text of the EN, the following textual error was found. In **6.4.3.1**, paragraph 1, the last two sentences: 'Add, while swirling, 1 ml of ascorbic acid (see **3.1.6**) and, after 30 s, 2 ml of acid molybdate solution II (see **3.1.8**). Make up to the mark with water and mix well.' repeat the text of **6.4.3.2** and should be deleted.

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 12, an inside back cover and a back cover.

ICS 13.060.40

Descriptors: Water tests, water, quality, chemical analysis, determination of content, phosphorous, orthophosphates, spectrophotometric analysis, ammonium molybdate

English version

Water quality — Determination of phosphorus — Ammonium molybdate spectrometric method

Qualité de l'eau — Dosage du phosphore —
Dosage spectrométrique à l'aide du molybdate
d'ammonium

Wasserbeschaffenheit — Bestimmung von
Phosphor — Photometrisches Verfahren mittels
Ammoniummolybdat

This European Standard was approved by CEN on 1996-08-25. 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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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard is based on ISO 6878-1 : 1986.

This European Standard has been prepared by 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 1997, and conflicting national standards shall be withdrawn at the latest by April 1997.

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

Annexes designated ‘informative’ are given only for information. In this standard annexes A, B, and C are informative.

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