

Water quality —

Part 2: Physical, chemical and biochemical methods —

Section 2.9 Determination of the sum of calcium and magnesium: EDTA titrimetric method

[ISO title: Water quality — Determination of the sum of calcium
and magnesium — EDTA titrimetric method]

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The following BSI references relate to the work on this standard:
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Contents

	Page
National foreword	ii
1 Scope and field of application	1
2 References	1
3 Principle	1
4 Reagents	1
5 Apparatus	2
6 Sampling and samples	2
7 Procedure	2
8 Expression of results	2
9 Precision	3
10 Interferences	3
11 Test report	3
Annex A Concepts of hardness of water	4
Bibliography	4
Publications referred to	Inside back cover

National foreword

This Section of this British Standard, which has been prepared under the direction of the Environment and Pollution Standards Committee, is identical with ISO 6059:1984 “*Water quality — Determination of the sum of calcium and magnesium — EDTA titrimetric method*”. The International Standard was prepared by subcommittee 2, Physical, chemical and biochemical methods, of Technical Committee 147, Water quality, of the International Organization for Standardization (ISO) as a result of discussion in which the UK participated.

This British Standard 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 6 which, together with Part 0, are as follows.

- *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.*

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

It is current practice in British Standards for the symbol “L” to be used for litre rather than “l” and for the term “sulphur” to be used rather than “sulfur”.

Cross-references

International Standards	Corresponding British Standards
ISO 5667	BS 6068 <i>Water quality: Part 6: Sampling</i>
Part 1:1980	Section 6.1:1981 <i>Guidance on the design of sampling programmes</i> (Identical)
Part 2:1982	Section 6.2:1983 <i>Guidance on sampling techniques</i> (Identical)

The following ISO standard (at present in course of preparation), which is referred to in clause 2, is essentially of an advisory nature and the absence of corresponding British Standards does not affect the validity of this standard. However, it is intended that this International Standard will be published as a Section of this British Standard and the anticipated title has been included for information only.

International Standard	Corresponding British Standard
ISO 5667-3	BS 6068 <i>Water quality</i> Section 6.3 <i>Guidance on the preservation and handling of samples</i>

The Technical Committee has reviewed the provisions of ISO 385-1 (at present in the course of preparation) to which reference is made in clauses 2 and 5, and has decided that burettes specified to BS 846:1980, 25 mL nominal capacity, smallest scale interval 0.05 mL, Class A, are suitable.