

Water quality —

Part 2: Physical, chemical and biochemical methods —

Section 2.37 Method for the determination of chloride via a silver nitrate titration with chromate indicator (Mohr's method)

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 30 September 1990

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The following BSI references relate to the work on this standard:
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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 9297:1989 “*Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr’s 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) 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 qualified persons with an appropriate level of chemical expertise. Standard chemical 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.*

Cross-references

International standard	Corresponding British Standard
ISO 5667-1:1980	BS 6068 Water quality Section 6.1:1981 Guidance on the design of sampling programmes (Identical)
ISO 5667-2:1982	Section 6.2:1983 Guidance on sampling techniques (Identical)
ISO 5667-3:1985	Section 6.3:1986 Guidance on the preservation and handling of samples (Identical)
ISO 5725:1986	BS 5497 Precision of test methods Part 1:1987 Guide for the determination of repeatability and reproducibility for a standard test method by interlaboratory tests (Identical)

The Technical Committee has reviewed the provisions of ISO 385-1, which is referred to in the text, and has decided that they are acceptable for use in conjunction with this standard.

A related British Standard to ISO 385-1 is BS 846 “*Specification for burettes*”.