

Second edition
1999-08-01

Water quality — Evaluation of ultimate aerobic biodegradability of organic compounds in aqueous medium by determination of oxygen demand in a closed respirometer

Qualité de l'eau — Évaluation, en milieu aqueux, de la biodégradabilité aérobie ultime des composés organiques par détermination de la demande en oxygène dans un respiromètre fermé



Reference number
ISO 9408:1999(E)

Contents	Page
1 Scope	1
2 Terms and definitions	1
3 Principle.....	3
4 Test environment.....	3
5 Reagents.....	4
6 Apparatus	5
7 Procedure	5
8 Calculation and expression of results	8
9 Validity of results	10
10 Test report	11
Annex A (informative) Example of calculation of theoretical oxygen demand	12
Annex B (informative) Correction of oxygen uptake for interference by nitrification	14
Annex C (informative) Example of a biodegradation curve	16
Annex D (informative) Closed respirometer	17
Bibliography	18

This is a preview of "ISO 9408:1999". [Click here to purchase the full version from the ANSI store.](#)

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9408 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 5, *Biological methods*.

This second edition cancels and replaces the first edition (ISO 9408:1991), which has been technically revised.

Annexes A to D of this International Standard are for information only.