

INTERNATIONAL ISO  
STANDARDS

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Second edition  
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## **Water quality — Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC)**

*Qualité de l'eau — Lignes directrices pour le dosage du carbone organique  
total (COT) et carbone organique dissous (COD)*



Reference number  
ISO 8245:1999(E)

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## 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 8245 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 2, *Physical, chemical and biochemical methods*.

This second edition cancels and replaces the first edition (ISO 8245:1987) which has been technically revised.

Annexes A and B of this International Standard are for information only.

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## Introduction

It is absolutely essential that tests conducted in accordance with this International Standard be carried out by suitably qualified staff.

Total organic carbon (TOC) is a measure of the carbon content of dissolved and undissolved organic matter present in water. It does not give information on the nature of the organic substance.