

Guidelines for the determination of total organic carbon
(TOC) and dissolved organic carbon (DOC) in water

English version of DIN EN 1484

DIN

EN 1484

ICS 13.060.01

Descriptors: Water analysis, organic carbon content.

Wasseranalytik – Anleitungen zur Bestimmung des gesamten organischen Kohlenstoffs (TOC) und des gelösten organischen Kohlenstoffs (DOC)

Supersedes
DIN 38409-3,
June 1983 edition.

European Standard EN 1484:1997 has the status of a DIN Standard.

A comma is used as the decimal marker.

National foreword

This standard has been prepared by CEN/TC 230.

The responsible German body involved in its preparation was the *Normenausschuß Wasserwesen* (Water practice Standards Committee).

This standard is part of the series *Deutsche Einheitsverfahren zur Wasser-, Abwasser- und Schlammuntersuchung – Summarische Wirkungs- und Stoffkenngößen (Gruppe H)* (German standard methods for the examination of water, waste water and sludge – Parameters characterizing effects and substances (group H)).

Expert assistance and specialized laboratories will be required to perform the analysis described in this standard.

Depending on the objective of the analysis, a check shall be made in each individual case on whether and to what extent additional boundary conditions will have to be specified.

Standard methods published as DIN Standards are obtainable from *Beuth Verlag GmbH*, either individually or grouped in volumes. The standard methods included in the loose-leaf publication entitled *Deutsche Einheitsverfahren zur Wasser-, Abwasser- und Schlammuntersuchung* will continue to be published by *VCH Verlagsgesellschaft*. The standard methods relating to the *Wasserhaushaltsgesetz* (German Water Management Act), the *Abwasserabgabengesetz* (Law on the charges leviable for the discharge of effluent into water), and all the regulations on waste water that have been issued to date are included in *DIN-Taschenbuch* (DIN Handbook) 230.

Continued overleaf.
EN comprises 11 pages.

Standard methods or draft standards bearing the group title 'German standard methods for the examination of water, waste water and sludge' are classified under the following categories (main titles):

General information (group A)	(DIN 38402)
Physical and physicochemical parameters (group C)	(DIN 38404)
Anions (group D)	(DIN 38405)
Cations (group E)	(DIN 38406)
Substance group analysis (group F)	(DIN 38407)
Gaseous constituents (group G)	(DIN 38408)
Parameters characterizing effects and substances (group H)	(DIN 38409)
Biological-ecological methods of analysis (group M)	(DIN 38410)
Microbiological methods (group K)	(DIN 38411)
Bio-assays (group L)	(DIN 38412)
Individual constituents (group P)	(DIN 38413)
Sludge and sediments (group S)	(DIN 38414)
Bio-assays with microorganisms (group T)	(DIN 38415)

In addition to the methods described in the DIN 38402 to DIN 38415 series of standards, there are a number of European Standards available, which also form part of the collection of German standard methods.

Information on Parts of these series of standards that have already been published can be obtained from the offices of the *Normenausschuß Wasserwesen*, telephone (0 30) 26 01-24 23, or from *Beuth Verlag GmbH*, Burggrafenstraße 6, D-10787 Berlin.

Amendments

DIN 38409-3, June 1983 edition, has been superseded by the specifications of EN 1484.

Previous edition

DIN 38409-3: 1983-06.

ICS 13.060.30

Descriptors: Water analysis, organic carbon content.

English version

Water analysis

Guidelines for the determination of total organic carbon
(TOC) and dissolved organic carbon (DOC)

Analyse de l'eau – Lignes directrices pour
le dosage du carbone organique total
(TOC) et carbone organique dissous (COD)

Wasseranalytik – Anleitungen zur
Bestimmung des gesamten organischen
Kohlenstoffs (TOC) und des gelösten
organischen Kohlenstoffs (DOC)

This European Standard was approved by CEN on 1997-04-06.

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.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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