



SLOVENSKI STANDARD SIST EN ISO 17495:2003

01-september-2003

Water quality - Determination of selected nitrophenols - Method by solid-phase extraction and gas chromatography with mass spectrometric detection (ISO 17495:2001)

Water quality - Determination of selected nitrophenols - Method by solid-phase extraction and gas chromatography with mass spectrometric detection (ISO 17495:2001)

Wasserbeschaffenheit - Bestimmung ausgewählter Nitrophenole - Verfahren mittels Festphasenanreicherung und Gaschromatographie mit massenspektrometrischer Detektion (ISO 17495:2001)

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Qualité de l'eau - Dosage des nitrophenols sélectionnés - Méthode par extraction en phase solide avec détection par chromatographie en phase gazeuse et spectrométrie de masse (ISO 17495:2001)

Ta slovenski standard je istoveten z: EN ISO 17495:2003

ICS:

13.060.50 Účinná látka [látka] Examination of water for chemical substances

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 17495

March 2003

ICS 13.060.50

English version

**Water quality - Determination of selected nitrophenols - Method
by solid-phase extraction and gas chromatography with mass
spectrometric detection (ISO 17495:2001)**

Qualité de l'eau - Dosage des nitrophénols sélectionnés -
Méthode par extraction en phase solide avec détection par
chromatographie en phase gazeuse et spectrométrie de
masse (ISO 17495:2001)

Wasserbeschaffenheit - Bestimmung ausgewählter
Nitrophenole - Verfahren mittels Festphasenanreicherung
und Gaschromatographie mit massenspektrometrischer
Detektion (ISO 17495:2001)

This European Standard was approved by CEN on 9 January 2003.

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 Management Centre or to any CEN member.

This European Standard exists 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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 17495:2003 (E)**Foreword**

The text of ISO 17495:2001 has been prepared by Technical Committee ISO/TC 147 "Water quality" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 17495:2003 by Technical Committee CEN/TC 230 "Water analysis", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovak Republic, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 17495:2001 has been approved by CEN as EN ISO 17495:2003 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

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Annex ZA (normative)

Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 5667-1	1980	Water quality - Sampling - Part 1: Guidance on the design of sampling programmes	EN 25667-1	1993
ISO 5667-2	1991	Water quality - Sampling - Part 2: Guidance on sampling techniques	EN 25667-2	1993
ISO 5667-3	1994	Water quality - Sampling - Part 3: Guidance on the preservation and handling of samples	EN ISO 5667-3	1995

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INTERNATIONAL STANDARD

ISO
17495

First edition
2001-08-15

Water quality — Determination of selected nitrophenols — Method by solid-phase extraction and gas chromatography with mass spectrometric detection

*Qualité de l'eau — Dosage des nitrophénols sélectionnés — Méthode par
extraction en phase solide avec détection par chromatographie en phase
gazeuse et spectrométrie de masse*

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ISO 17495:2001(E)

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ISO 17495:2001(E)**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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 17495 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 2, *Physical, chemical and biochemical methods*.

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

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Introduction

Several methods may be applied to determine nitrophenols in water. This International Standard describes a gas chromatographic/mass spectrometric determination after solid-phase extraction and derivatization with diazomethane. It should be investigated whether and to what extent particular problems will require the specification of additional marginal conditions.

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