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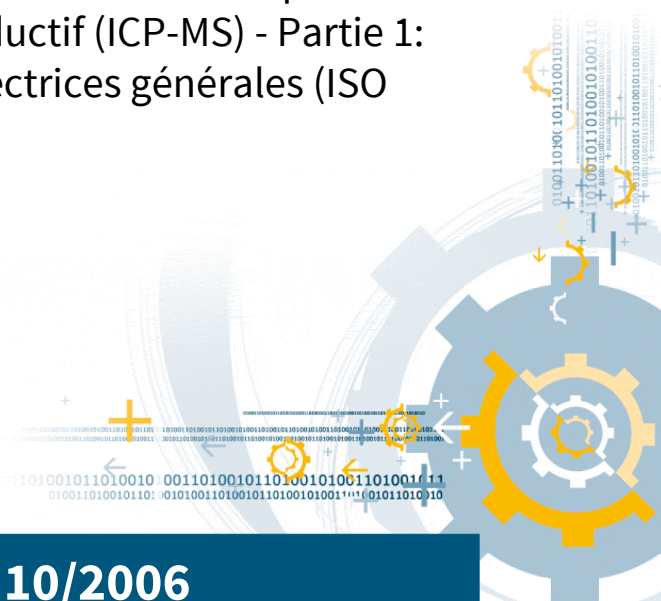
## ILNAS-EN ISO 17294-1:2006

### **Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General guidelines (ISO 17294-1:2004)**

Wasserbeschaffenheit - Anwendung der  
induktiv gekoppelten Plasma  
Massenspektrometrie (ICP-MS) - Teil 1:  
Allgemeine Anleitung (ISO 17294-1:2004)

Qualité de l'eau - Application de la  
spectrométrie de masse avec plasma à  
couplage inductif (ICP-MS) - Partie 1:  
Lignes directrices générales (ISO

10/2006



## National Foreword

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ILNAS-EN ISO 17294-1:2006

EUROPEAN STANDARD **EN ISO 17294-1**  
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English Version

**Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General guidelines (ISO 17294-1:2004)**

Qualité de l'eau - Application de la spectrométrie de masse avec plasma à couplage inductif (ICP-MS) - Partie 1: Lignes directrices générales (ISO 17294-1:2004)

Wasserbeschaffenheit - Anwendung der induktiv gekoppelten Plasma Massenspektrometrie (ICP-MS) - Teil 1: Allgemeine Anleitung (ISO 17294-1:2004)

This European Standard was approved by CEN on 11 September 2006.

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## Foreword

The text of ISO 17294-1:2004 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 17294-1:2006 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of an identical text or by endorsement, at the latest by April 2007, and conflicting national standards shall be withdrawn at the latest by April 2007.

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### Endorsement notice

The text of ISO 17294-1:2004 has been approved by CEN as EN ISO 17294-1:2006 without any modifications.

ILNAS-EN-ISO 17294-1:2006

# INTERNATIONAL STANDARD

**ISO**  
**17294-1**

First edition  
2004-09-01

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2005-03-01

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## Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) —

### Part 1: General guidelines

*Qualité de l'eau — Application de la spectrométrie de masse avec  
plasma à couplage inductif (ICP-MS) —*

*Partie 1: Lignes directrices générales*



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ISO 17294-1:2004(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.

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The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 17294-1 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 2, *Physical, chemical and biochemical methods*.

ISO 17294 consists of the following parts, under the general title *Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS)*:

- *Part 1: General guidelines*
- *Part 2: Determination of 62 elements*

This corrected version of ISO 17294-1:2004 incorporates correction of symbols for instrument detection limit and method detection limit, corrections to Equations (1) and (3), and various minor editorial corrections.