
**Water quality — Determination of benzene
and some derivatives —**

**Part 1:
Head-space gas chromatographic method**

*Qualité de l'eau — Détermination du benzène et de certains dérivés
benzéniques —*

*Partie 1: Méthode par chromatographie en phase gazeuse de l'espace de
tête*



Foreword

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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 11423-1 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 2, *Physical, chemical, biochemical methods*.

ISO 11423 consists of the following parts, under the general title *Water quality — Determination of benzene and some derivatives*:

- *Part 1: Head-space gas chromatographic method*
- *Part 2: Method using extraction and gas chromatography*

Annexes A, B, C and D of this part of ISO 11423 are for information only.

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Introduction

This part of ISO 11423 describes a head-space method of sample treatment for the gas chromatographic determination of benzene and some of its derivatives in water.

For an extraction procedure followed by gas chromatography, see ISO 11423-2.

Which of these methods is applicable in a given case depends for instance on the type of sample to be analysed and the instruments available to the analyst. The method used is then described in the test report.

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