
Kakovost vode - Metode za več spojin - 1. del: Merila za identifikacijo ciljnih spojin s plinsko in tekočinsko kromatografijo ter masno spektrometrijo (ISO 21253-1:2019)

Water quality - Multi-compound class methods - Part 1: Criteria for the identification of target compounds by gas and liquid chromatography and mass spectrometry (ISO 21253-1:2019)

Wasserbeschaffenheit - Gemeinsam erfassbare Stoffgruppen - Teil 1: Kriterien für die Identifizierung von Zielverbindungen mittels Gaschromatographie und Flüssigchromatographie mit Massenspektrometrie-Kopplung (ISO 21253-1:2019)

Qualité de l'eau - Méthodes d'analyse de composés multi-classes - Partie 1: Critères pour l'identification des composés cibles par chromatographie en phase gazeuse et liquide et spectrométrie de masse (ISO 21253-1:2019)

Ta slovenski standard je istoveten z: EN ISO 21253-1:2019

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71.040.50	Fizikalnokemijske analitske metode	Physicochemical methods of analysis

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Water quality - Multi-compound class methods - Part 1: Criteria for the identification of target compounds by gas and liquid chromatography and mass spectrometry (ISO 21253-1:2019)

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European foreword

This document (EN ISO 21253-1:2019) has been prepared by Technical Committee ISO/TC 147 "Water quality" in collaboration with 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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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INTERNATIONAL
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**Water quality — Multi-compound
class methods —**

Part 1:

**Criteria for the identification of
target compounds by gas and
liquid chromatography and mass
spectrometry**

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Qualité de l'eau — Méthodes d'analyse de composés multi-classes —

*Partie 1: Critères pour l'identification de composés cibles par
chromatographie en phase gazeuse ou liquide et spectrométrie de
masse*

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masse



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Foreword

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Introduction

The use of gas chromatography (GC) and liquid chromatography (LC) in combination with mass spectrometric (MS) detection is common in many analytical standards. This detector is a powerful tool provided it is properly used. This document gives the criteria for the identification of target compounds in various types of water. This document shall be used in combination with specific analytical standards or in combination with any GC-MS and LC-MS procedure. The result of the procedure described is identified, indicated or absent.

NOTE See [Annex A](#) for recommendations for the most commonly used techniques.

This document is generally based on ISO 22892^[5].

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