

DIN ISO 16703

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**Soil quality –
Determination of content of hydrocarbon in the range C₁₀ to C₄₀ by gas
chromatography (ISO 16703:2004)
English version of DIN ISO 16703:2005**

Bodenbeschaffenheit –
Gaschromatographische Bestimmung des Gehalts an Kohlenwasserstoffen von C₁₀ bis C₄₀
(ISO 16703:2004)
Englische Fassung DIN ISO 16703:2005

Document comprises 22 pages

National foreword

This standard has been prepared by ISO/TC 190 'Soil quality', Subcommittee SC 3 'Chemical methods and soil characteristics'.

The responsible German body involved in its preparation was the *Normenausschuss Wasserwesen* (Water Practice Standards Committee), Technical Committee NAW I 2 *Boden- und Abfalluntersuchung*.

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

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

The DIN Standards corresponding to the European and International Standards referred to in clause 2 and in the bibliography of the ISO Standard are as follows:

EN 14039	DIN EN 14039
ISO 10381-1	DIN ISO 10381-1
ISO 11464	DIN ISO 11464
ISO 11465	DIN ISO 11465
ISO 14507	DIN ISO 14507
ISO 15009	DIN ISO 15009

National Annex NA (informative)

Bibliography

DIN 38402-51, *German standard methods for the examination of water, waste water and sludge — General information (group A) — Calibration of analytical methods, evaluation of analytical results and linear calibration functions used to determine the performance characteristics of analytical methods (A 51)*

DIN EN 14039, *Characterization of waste — Determination of hydrocarbon content in the range of C₁₀ to C₄₀ by gas chromatography*

DIN ISO 10381-1, *Soil quality — Sampling — Part 1: Guidance on the design of sampling programmes*

DIN ISO 11464, *Soil quality — Pretreatment of samples for physico-chemical analysis*

DIN ISO 11465, *Soil quality — Determination of dry matter and water content on a mass basis — Gravimetric method*

DIN ISO 14507, *Soil quality — Pretreatment of samples for determination of organic contaminants*

DIN ISO 15009, *Soil quality — Gas chromatographic determination of the content of volatile aromatic hydrocarbons, naphthalene and volatile halogenated hydrocarbons — Purge-and-trap method with thermal desorption*

Soil quality — Determination of content of hydrocarbon in the range C₁₀ to C₄₀ by gas chromatography

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