

# DIN EN ISO 22892:2011-09 (E)

## Soil quality - Guidelines for the identification of target compounds by gas chromatography and mass spectrometry (ISO 22 892:2006)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Principle .....	5
3	Terms and definitions .....	5
4	Apparatus .....	6
5	Procedure .....	7
5.1	Retention times .....	7
5.2	Mass spectra, selection of diagnostic ions .....	7
6	Qualification .....	8
6.1	GC-MS procedure .....	8
6.2	Additional information .....	9
6.3	Reporting the presence of target compounds .....	11
6.3.1	Identification .....	11
6.3.2	Indication .....	12
6.3.3	Absence of the target compound ( detection limit) .....	12
7	Test report .....	12
Annex A (informative) Diagnostic ions to be used for identification using GC-MS .....		13
Annex B (informative) Examples .....		16
Annex C (informative) Examples of Spectra .....		22
Bibliography .....		24