

ISO 16703:2004-11 (E)

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

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Interferences	2
5	Principle	2
6	Reagents	2
6.7	Hydrocarbon standard solution for calibration	3
6.8	Control solution	3
6.9	System-performance standard solution	3
7	Apparatus	3
8	Sampling, sample conservation and pretreatment	4
9	Procedure	5
9.1	Preparation of the clean-up column	5
9.2	Blank	5
9.3	Extraction and clean-up	5
9.4	Determination by gas chromatography	5
9.5	Quality control	7
10	Precision	8
11	Test report	8
Annex A (informative)	Examples of gas chromatograms of mineral oil hydrocarbon standard and soil samples	10
Annex B (informative)	Determination of the boiling range of mineral oil hydrocarbons from the gas chromatogram	16
Annex C (informative)	Precision data	17
Bibliography		18