DIN EN ISO 16703:2011-09 (E)

Soil quality - Determination of content of hydrocarbon in the range C<(Index)10> to C<(Index)40> by gas chromatography (ISO 16703:2004)

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Interferences 5

5 Principle 5

6 Reagents 5

7 Apparatus 6

8 Sampling, sample conservation and pretreatment 7

9 Procedure 8
9.1 Preparation of the clean-up column 8
9.2 Blank 8
9.3 Extraction and clean-up 8
9.4 Determination by gas chromatography 8
9.5 Quality control 10

10 Precision 11

11 Test report 11

Annex A (informative) Examples of gas chromatograms of mineral oil hydrocarbon standard and soil samples 13

Annex B (informative) Determination of the boiling range of mineral oil hydrocarbons from the gas chromatogram 19

Annex C (informative) Precision data 20

Bibliography 21