

ISO 15009:2002-10 (E)

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

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	2
5	Preparation of standard solutions	4
6	Apparatus	4
7	Sampling, preservation and sample pretreatment	7
8	Procedure	7
8.1	Blank determination	7
8.2	Dry matter content	7
8.3	Extraction	7
8.4	Purge-and-trap	8
8.5	Gas chromatographic analysis	8
9	Calculation	10
9.1	Principle	10
9.2	Procedure	10
10	Expression of results	11
11	Precision	11
12	Test report	11
Annex A (informative)	Relative retention times with respect to ethylbenzene-D10 of volatile aromatic hydrocarbons and volatile halogenated hydrocarbons on CP-Sil 5 CB and CP-Sil 13 CB columns	12
Annex B (informative)	Validation	15
Bibliography		18