

ISO/TS 13907:2012-09 (E)

Soil quality - Determination of nonylphenols (NP) and nonylphenol-mono- and diethoxylates - Method by gas chromatography with mass selective detection (GC-MS)

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Principle	1
4	Interferences	2
4.1	Interferences from sampling	2
4.2	Interferences by GC-MS	2
5	Reagents	2
6	Apparatus	4
7	Sample storage and sample pretreatment	5
7.1	Sample storage	5
7.2	Sample pretreatment	5
8	Procedure	5
8.1	Extraction	5
8.2	Concentration (optional)	7
8.3	Clean-up (optional)	7
8.4	Derivatization	8
8.5	Blank test	8
8.6	GC-MS analysis	8
8.7	Calibration	9
8.8	Analysis of samples and identification	10
9	Calculation and expression of results	10
9.1	General	10
9.2	Calibration	10
9.3	Calculation	11
10	Precision	11
11	Test report	11
Annex A (informative) Repeatability and reproducibility data		13
Annex B (informative) Example of chromatographic conditions and example of a chromatogram		15
Bibliography		17