

ISO 16387:2014-01 (E)

Soil quality - Effects of contaminants on Enchytraeidae (Enchytraeus sp.) - Determination of effects on reproduction

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	3
5	Reagents and material	3
6	Apparatus	6
7	Test environment	6
8	Procedure	7
8.1	Experimental design	7
8.2	Preparation of test mixtures	8
8.3	Addition of the biological material	9
8.4	Test conditions and measurements	9
8.5	Reference substance	9
9	Calculation and expression of results	10
9.1	Calculation	10
9.2	Expression of results	10
10	Validity of the test	10
11	Statistical analysis	10
11.1	General	10
11.2	Range-finding test	10
11.3	Definitive test	11
12	Test report	11
Annex A (informative) Conditions for culture of Enchytraeus sp		13
Annex B (informative) Test procedure using other Enchytraeus species		15
Annex C (informative) Determination of maximum water-holding capacity		17
Annex D (informative) Detailed description of extraction techniques		18
Annex E (informative) Overview of the statistical assessment of data (NOEC determination)		19
Bibliography		20