

DIN EN ISO 15952:2018-12 (E)

Soil quality - Effects of pollutants on juvenile land snails (Helicidae) - Determination of the effects on growth by soil contamination (ISO 15952:2018)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle	8
5 Test environment	8
6 Reagents	8
7 Apparatus	10
8 Storage and preparation of the samples	11
8.1 Soil to be tested	11
8.2 Waste material	11
9 Procedure	11
9.1 Preparation of the test	11
9.1.1 Selection of the concentrations to be tested	11
9.1.2 Preparation of test mixtures	12
9.2 Distribution of test mixture	13
9.3 Introduction of the feed	13
9.4 Introduction of the biological reagent	13
9.5 Handling during the tests	13
9.5.1 General	13
9.5.2 Routine care	14
9.5.3 Weekly task	14
10 Reference substance	15
11 Calculations and expression of results	15
11.1 Calculations	15
11.2 Expression of results	17
12 Validity of test	18
13 Test report	18
Annex A (informative) Static method	20
Annex B (informative) Breeding technique for snails	21
Annex C (informative) Example of composition of snail feed	26
Annex D (informative) Example of table of data	27
Annex E (informative) Example of results with <i>Helix aspersa aspersa</i>	28
Annex F (informative) Determination of the effects on growth by food contamination	32
Annex G (informative) Suitable other snail species	35
Bibliography	36