

DIN EN ISO 11267:2014-07 (E)

Soil quality - Inhibition of reproduction of Collembola (*Folsomia candida*) by soil contaminants (ISO 11267:2014)

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	7
5 Reagents and material	8
6 Apparatus	10
7 Procedure	10
7.1 Experimental design	10
7.2 Preparation of test mixture	11
7.3 Addition of the biological material	13
7.4 Test conditions and measurements	13
7.5 Determination of surviving Collembola	13
8 Calculation and expression of results	13
8.1 Calculation	13
8.2 Expression of results	13
9 Validity of the test	14
10 Statistical analysis	14
10.1 General	14
10.2 Single-concentration tests	14
10.3 Multi-concentration tests	15
11 Test report	15
Annex A (informative) Techniques for rearing and breeding of Collembola	17
Annex B (informative) Determination of water-holding capacity	19
Annex C (informative) Guidance on adjustment of pH of artificial soil	20
Annex D (informative) Extraction and counting of Collembola	21
Bibliography	22