

# DIN EN ISO 11267:2014-07 (E)

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

---

<b>Contents</b>	<b>Page</b>
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