

# ISO 23611-1:2018 (E)

## Soil quality — Sampling of soil invertebrates — Part 1: Hand-sorting and extraction of earthworms

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Reagents
6	Apparatus
7	Procedure
7.1	Sampling of the earthworms
7.1.1	General
7.1.2	Hand-sorting
7.1.3	AITC extraction
7.2	Preservation
7.3	Determination of biomass
8	Data assessment
9	Test report
Annex A	(informative) Other methods for sampling
A.1	Electrical extraction method
A.2	Extraction with mustard
Annex B	(informative) Species determination in earthworms
Annex C	(informative) The modified TSBF method
Annex D	(normative) Determination of maximum water-holding capacity
D.1	General
D.2	Apparatus
D.3	Method
D.4	Calculation of the water-holding capacity (WHC)
Annex E	(informative) Examples of earthworm monitoring programmes (including presentation of their results)
E.1	General
E.2	Presentation of the results of a monitoring programme for earthworms
E.3	Assessment of the biological quality of soils