

# ISO 23611-2:2024-04 (E)

## Soil quality - Sampling of soil invertebrates - Part 2: Sampling and extraction of micro-arthropods (Collembola and Acarina)

---

<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Test materials</b> .....	<b>2</b>
5.1 Biological material.....	2
5.2 Reagents.....	2
<b>6 Apparatus</b> .....	<b>3</b>
<b>7 Procedure</b> .....	<b>4</b>
7.1 Collecting the soil samples.....	4
7.2 Extracting Collembola and Acarina from soil samples.....	4
7.3 Sorting, preserving and identifying Collembola and Acarina.....	5
7.3.1 Sorting and preserving.....	5
7.3.2 Identification.....	5
<b>8 Assessment of results</b> .....	<b>6</b>
<b>9 Study report</b> .....	<b>6</b>
<b>Annex A (informative) Species determination in collembolans and mites</b> .....	<b>8</b>
<b>Annex B (informative) Alternative method for sampling of micro-arthropods</b> .....	<b>9</b>
<b>Bibliography</b> .....	<b>10</b>