

# DIN EN ISO 23611-5:2024-11 (E)

## Soil quality - Sampling of soil invertebrates - Part 5: Sampling and extraction of soil macro-invertebrates (ISO 23611-5:2024)

---

<b>Contents</b>		<b>Page</b>
European foreword.....		3
Foreword.....		4
Introduction.....		5
<b>1</b>	<b>Scope</b> .....	<b>6</b>
<b>2</b>	<b>Normative references</b> .....	<b>6</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>6</b>
<b>4</b>	<b>Principle</b> .....	<b>6</b>
<b>5</b>	<b>Reagents</b> .....	<b>7</b>
<b>6</b>	<b>Apparatus</b> .....	<b>7</b>
<b>7</b>	<b>Field procedure</b> .....	<b>8</b>
	7.1 General.....	8
	7.2 Collecting macro-invertebrates from the litter zone.....	8
	7.3 Collecting macro-invertebrates from soil.....	8
	7.3.1 General.....	8
	7.3.2 Temperate regions.....	8
	7.3.3 Tropical regions.....	9
<b>8</b>	<b>Laboratory procedure</b> .....	<b>9</b>
	8.1 Treatment of collected samples.....	9
	8.2 Preservation of specimens.....	9
	8.3 Biomass determination.....	9
<b>9</b>	<b>Assessment of results</b> .....	<b>11</b>
<b>10</b>	<b>Test report</b> .....	<b>11</b>
<b>Annex A (informative) Background information</b> .....		<b>12</b>
<b>Annex B (informative) Sampling soil macro-fauna using pitfall traps</b> .....		<b>13</b>
<b>Annex C (informative) Monitoring example with pitfall traps</b> <sup>[68]</sup> .....		<b>14</b>
<b>Bibliography</b> .....		<b>19</b>