

DIN EN ISO 23611-2:2024-09 (E)

Soil quality - Sampling of soil invertebrates - Part 2: Sampling and extraction of micro-arthropods (Collembola and Acarina) (ISO 23611-2:2024)

| Contents | | Page |
|--|-------|-------------|
| European foreword | ..... | 3 |
| Foreword | ..... | 4 |
| Introduction | ..... | 5 |
| 1 Scope | ..... | 6 |
| 2 Normative references | ..... | 6 |
| 3 Terms and definitions | ..... | 6 |
| 4 Principle | ..... | 6 |
| 5 Test materials | ..... | 7 |
| 5.1 Biological material | ..... | 7 |
| 5.2 Reagents | ..... | 7 |
| 6 Apparatus | ..... | 8 |
| 7 Procedure | ..... | 9 |
| 7.1 Collecting the soil samples | ..... | 9 |
| 7.2 Extracting Collembola and Acarina from soil samples | ..... | 9 |
| 7.3 Sorting, preserving and identifying Collembola and Acarina | ..... | 10 |
| 7.3.1 Sorting and preserving | ..... | 10 |
| 7.3.2 Identification | ..... | 10 |
| 8 Assessment of results | ..... | 11 |
| 9 Study report | ..... | 11 |
| Annex A (informative) Species determination in collembolans and mites | ..... | 13 |
| Annex B (informative) Alternative method for sampling of micro-arthropods | ..... | 14 |
| Bibliography | ..... | 15 |