

First edition
2018-10

Corrected version
2021-09

Soil quality — Assessment of human exposure from ingestion of soil and soil material — Procedure for the estimation of the human bioaccessibility/bioavailability of metals in soil

Qualité du sol — Évaluation de l'exposition humaine par ingestion de sol et de matériaux du sol — Mode opératoire pour l'estimation de la bioaccessibilité/biodisponibilité pour l'homme de métaux dans le sol

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Reference number
ISO 17924:2018(E)

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 7, *Impact assessment*.

This first edition of ISO 17924 cancels and replaces ISO/TS 17924:2007, which has been technically revised. The changes compared to the previous edition are as follows:

- 7.1 "General", 7.2 "Choosing an appropriate test", 7.3 "Description of applicable test methods" and 7.4 "Recommendations" have been deleted. 7.5 "Use and interpretation of *in vitro* tests for risk assessment" has been retained and renumbered to [Clause 7](#);
- [Clause 8](#) "Description of test method" has been added;
- [Clause 9](#) (formerly Clause 8) "Data handling, quality control and presentation of results" has been completely revised;
- Annex A "Human bioaccessibility testing" has been replaced by [Annex A](#) "Sample preparation procedure";
- the figures have been revised;
- the complete document has been editorially revised;
- the Scope has been adapted.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This corrected version of ISO 17924:2018 incorporates the following corrections:

- in [8.3.12](#), the CAS number for magnesium chloride hexahydrate has been corrected to CAS-Nr 7786-30-3;