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Traditional Chinese Medicine — Determination of heavy metals in herbal medicines used in Traditional Chinese Medicine

*Médecine traditionnelle chinoise — Dosage des métaux lourds dans les
herbes médicinales utilisées dans la médecine traditionnelle chinoise*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The committee responsible for this document is ISO/TC 249, *Traditional Chinese medicine*.

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Introduction

Heavy metals are natural constituents of the environment, and are commonly detected in air, water and soil. However, technical and industrial processes may release heavy metals into the environment, and they have gained attention as contaminants. At present, there is no uniformly accepted International Standard which defines maximum limits for heavy metals in materials used in Traditional Chinese Medicine (TCM), resulting in disputes about what levels should be considered acceptable in TCM materials.

ISO 18664 was developed in response to worldwide demand for harmonization of the determination of heavy metals in herbal medicines used in TCM. The International Standard is applicable to Traditional Medicine systems derived from ancient Chinese medicine.

For reference, the maximum limits of heavy metals in natural materials of TCM have been provided in [Annex A](#).