International Standard

ISO 13615

Traditional Chinese medicine — *Atractylodes macrocephala* rhizome

Médecine traditionnelle chinoise — Rhizome d'Atractylodes macrocephala

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Foreword

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This document was prepared by Technical Committee ISO/TC 249, *Traditional Chinese medicine*.

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.

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Introduction

Atractylodes macrocephala rhizome, the dried rhizome of *Atractylodes macrocephala* Koidz., is a widely used herbal medicine in China and many other countries. In traditional Chinese medicine, this herb can tonify the Spleen-Qi, and is used to treat distension in the abdomen, loose stools, and diarrhoea. Modern pharmacological studies also demonstrate its great potential in immuno-enhancement and indigestion treatment. The market, yield, and trade volume of *Atractylodes macrocephala* rhizome are large and develop rapidly in recent years.

Atractylodes macrocephala rhizome has been recorded in several pharmacopoeias, including Chinese Pharmacopoeia[1], European Pharmacopoeia[2], Korean Pharmacopoeia[3], Japanese Pharmacopoeia[4] and Hong Kong Chinese Materia Medical Standards[5]. The requirements and specifications in these standards have differences. Therefore, it is important to develop an International Standard for harmonizing the existing standards, as well as ensuring the safety and effectiveness of *Atractylodes macrocephala* rhizome, which can benefit farmers, consumers, enterprises and governments involved in the cultivation, regulation and trade of *Atractylodes macrocephala* rhizome.

As national implementation may differ, national standards bodies are invited to modify the values given in 5.4 and 5.5 in their national standards. Examples of national and regional values are given in Annex C.

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Traditional Chinese medicine — *Atractylodes macrocephala* rhizome

1 Scope

This document specifies requirements and test methods for *Atractylodes macrocephala* rhizome that is derived from *Atractylodes macrocephala* Koidz.

It is applicable to *Atractylodes macrocephala* rhizome that is sold and used as a natural medicine in international trade, including Chinese materia medica (whole medicinal materials) and decoction pieces derived from the plant.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 18664, *Traditional Chinese Medicine — Determination of heavy metals in herbal medicines used in Traditional Chinese Medicine*

ISO 21371, *Traditional Chinese medicine — Labelling requirements of products intended for oral or topical use*

ISO 22217, *Traditional Chinese medicine —Storage requirements for raw materials and decoction pieces*

ISO 22258, *Traditional Chinese medicine — Determination of pesticide residues in natural products by gas chromatography*

ISO 22590, *Traditional Chinese medicine — Determination of sulfur dioxide in natural products by titration*

ISO 23723, *Traditional Chinese medicine — General requirements for herbal raw material and materia medica*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
***Atractylodes macrocephala* rhizome**
dried *rhizome* (3.2) of *Atractylodes macrocephala* Koidz in the family of Atractylodes.

3.2
rhizome
creeping rootstalk
main stem of a plant that sends out roots and shoots from its nodes

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