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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Code of practice for production of Daodi herbs - Min Danggui

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document was drafted by: Nanjing University of Chinese Medicine, Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences (Chinese Materia Medica Resources Center), Gansu University of Chinese Medicine, Gansu Minxian Angelica Research Institute. The main drafters of this document are. Duan Jinli, Yan Hui, Guo Lanping, Jin Ling, Guo Zengxiang, Guo Sheng, Qian Dawei, and He Yali. Technical regulations for the production of authentic medicinal materials - *Angelica sinensis*

1 Scope

GB/T 45190-2025 is the Chinese code of practice for producing Min Danggui, the *Angelica sinensis* root grown in the Min county area of Gansu that is the recognised daodi, or authentic geographical, source of the herb. Daodi is a genuine quality concept rather than a marketing one: the same species grown elsewhere does not accumulate the same constituents, and the traditional medicine trade prices accordingly, which makes a production standard both an agronomic document and a protection of origin. The standard sets the production technology flow, then the selection of the origin and the site conditions of soil, altitude and climate that define it, the seed and seedling production including the raising of transplants at altitude that this crop requires, the field preparation and planting, the fertilisation and water management, the control of pests, diseases and of premature bolting, which is the crop's characteristic loss, the harvesting time and method, and the processing, drying, grading, packaging and storage, together with the records that support the origin claim. It takes effect on 1 August 2025.

This document establishes the production procedures of the authentic Chinese medicinal material *Angelica sinensis*, and stipulates the production environment, seed and seedling breeding, field management, pest and disease prevention, and It provides instructions for the operation of the stages of treatment, harvesting, primary processing at the origin, packaging and storage, and describes the traceability methods such as production records and archives. This document applies to the cultivation, production and primary processing

of *Angelica sinensis* in Minxian County, Gansu Province and neighboring ecologically similar areas.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document. GB/T 731 Jute and sacks

GB 3095 Ambient Air Quality Standard

GB 5084 Agricultural irrigation water quality standard

GB/T 6543 Single and double corrugated paper boxes for transport packaging

GB/T 8321 (all parts) Guidelines for the rational use of pesticides

GB/T 8946 General technical requirements for plastic woven bags

GB 15618 Soil Environmental Quality Agricultural Land Soil Pollution Risk Control Standard (Trial Implementation)

GB/T 19630 Requirements for the production, processing, labeling and management system of organic products

GB/T 35795 Fully biodegradable agricultural ground covering film

NY/T 393 Guidelines for the Use of Green Food Pesticides

NY/T 496 General principles for the rational use of fertilizers

NY/T 525 Organic Fertilizer

NY/T 1276 General Rules for Safe Use of Pesticides

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Daodiherbs The selected products are selected through long-term clinical application of traditional Chinese medicine, produced in a specific region, and have higher quality and efficacy than the same kind of traditional Chinese medicine produced in other regions. Better, stable quality and highly renowned Chinese medicinal materials.

3.2 Danggui

3.3 MinDanggui An authentic Chinese angelica medicinal material produced in Minxian County, Gansu Province and neighboring areas.