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

**GB/T 46953.1-2025**

**Bluish dogbane - Part 1: Raw bluish dogbane**

罗布麻 第1部分：原麻

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### Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 1 of GB/T 46953 "Apocynum venetum". GB/T 46953 has already published the following parts.

2. Refined Hemp Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Fibers (SAC/TC513). This document was drafted by: Donghua University, China Fiber Quality Monitoring Center, Altay Gobao Tea Co., Ltd., and Hunan Huasheng Co., Ltd. Limited Liability Company, Jiangxi Yongyuan Textile Co., Ltd., Xinjiang Dongchunxing Textile Co., Ltd., Xinjiang University, Tarim University, Jiangxi Fashion Institute, China Institute of Bast Fiber Crops, Chinese Academy of Agricultural Sciences. The main drafters of this document are. Qian Lili, Cao Qiaoli, Pang Ning, Zhang Bin, Li Zhaoling, Wang Li, He Biao, Xue Mei, Li Wei, Luo Manlin, and Chen Genhai. Li Xian, Song Junyan, Li Yong, Jia Lixia, Qian Xixi, Zhu Aiguo, Chen Jikang, Chen Ping, Yu Chongwen.

Apocynum venetum is an important natural fiber resource in my country, showing broad application prospects in textiles, clothing, medicine and health care. GB/T 46953 "Apocynum venetum" is a fundamental standard guiding the production, acquisition, processing, and trade of Apocynum venetum in my country, aiming to regulate the production, acquisition, processing, and trade of Apocynum venetum. The technical requirements, inspection rules, and packaging, marking, transportation and storage are proposed to consist of the following two parts.

1. Raw Hemp. The purpose is to specify the technical requirements, inspection rules, packaging, labeling, transportation, and storage of raw Apocynum venetum (Rhizoma Apocynum). This document describes the corresponding experimental methods to facilitate the production and sale of raw Apocynum venetum in my country.

2. Refined Hemp. The purpose is to specify the technical requirements, inspection rules, packaging, labeling, transportation, and storage of refined hemp from *Apocynum venetum*. This document describes the corresponding experimental methods to facilitate the production and sale of refined hemp in my country. Part 1 of *Apocynum venetum*. Raw hemp

## 1 Scope

GB/T 46953.1-2025 is the Chinese national standard covering raw *apocynum* fibre - the bast fibre of a desert shrub that grows on saline land unusable for anything else, harvested in Xinjiang and spun into textiles. It fixes the grades, the requirements, the sampling and the tests. Part 1 of the series, first edition, with Part 2 on the degummed fibre. It was issued on 31 December 2025 and has been in force since 1 July 2026, as a first edition. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document defines the terminology for raw *Apocynum venetum*, specifies the technical requirements, inspection rules, and packaging, marking, transportation, and storage, and describes related aspects. The corresponding test method. This document applies to the production and sale of raw *Apocynum venetum*.

## 2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all revisions) applies. This document.

GB/T 5881-2024 Test methods for physical and chemical properties of ramie

GB/T 6682 Specifications and test methods for water used in analytical laboratories

GB/T 8170 Rules for rounding off numerical values and the representation and determination of limiting values

GB/T 17345-2016 Flax Processed into Hemp

GB/T 18147.3-2015 Hemp fiber test methods - Part

## 3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Apocynum venetum (rawbluishdogbane) Apocynum venetum bast fiber used as a textile raw material.

3.2 Speck Defects such as spots, insect spots, wind spots, and mildew spots on raw Apocynum venetum affect its textile use due to diseases, pests, wind damage, and mildew.

3.3 impurities foreign materials The hemp leaves, hemp shavings, hemp roots, hemp fibers, and other mixed substances attached to the original hemp plant.

3.4 gum content The mass percentage of gum in raw Apocynum venetum.

## 4 Technical Requirements

4.1 Based on appearance quality, impurity content, length, and gum content, raw Apocynum venetum is classified into three grades. Grade 1, Grade 2, and Grade

3. Grades below Grade 3 are considered substandard. The lowest possible rating. The rating requirements should comply with the provisions of Table 1.