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

GB/T 46300-2025

Lacquer tree fruit oil

漆树籽油

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Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 3.3 Lacquer seed oil

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. 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 by the National Food and Strategic Reserves Administration. This document is under the jurisdiction of the National Technical Committee on Standardization of Grain and Oil (SAC/TC270). This document was drafted by: Kunming Municipal Grain, Oil and Feed Product Quality Inspection Center, National Food and Strategic Reserves Administration Standards and Quality Center, and Wuhan... Light Industry University, Nujiang Gaolishan Biotechnology Co., Ltd., Shaanxi Qinqiao Agricultural and Forestry Biotechnology Co., Ltd., Chinese Academy of Forestry Research Institute of Chemical Industry. The main drafters of this document are. Li Weixiang, Long Lingli, Xu Guangchao, He Dongping, Wang Shengwen, Ji Liusong, Zhang Jiguang, Lü Shidong, Wang Chengzhang, and Mao Zhentao. Yin Yanmei and Wu Wanfu. Lacquer tree seed oil

1 Scope

GB/T 46300-2025 is the Chinese national standard covering the oil pressed from lacquer tree seeds - the fatty acid composition that distinguishes it, the acid and peroxide values, the unsaponifiable matter, and the urushiol that must be absent, since the same tree yields the allergen that makes lacquer. First edition, under the National Food and Strategic Reserves Administration. In force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document defines the terminology for lacquer tree seed oil and specifies its classification, quality requirements, inspection rules, labeling and packaging, storage, transportation, and sale. The requirements describe the corresponding testing methods. This document applies to commercial lacquer tree seed oil processed from lacquer tree seeds.

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 amendments) applies. This document.

GB/T 191 Packaging and Storage Graphic Symbols

GB 5009.168 National Food Safety Standard - Determination of Fatty Acids in Food

GB 5009.236 National Food Safety Standard - Determination of Moisture and Volatile Matter in Animal and Vegetable Oils

GB/T 5490 General Rules for Inspection of Grains and Oils

GB/T 5524 Sampling of animal and vegetable oils

GB/T 5525 Methods for Identifying the Transparency, Odor, and Taste of Vegetable Oils

GB/T 5526 Determination of the relative density of animal and vegetable oils

GB/T 5527 Determination of refractive index of animal and vegetable oils

GB/T 5532 Determination of iodine value in animal and vegetable oils

GB/T 5534 Determination of Saponification Value of Animal and Vegetable Oils

GB/T 5535.1 Determination of unsaponifiable matter in animal and vegetable oils - Part

3 Terms and Definitions

3.1 lacquer tree seeds The fruit of the Toxicodendron tree consists of a seed coat and a seed kernel, which contains the kernel.

3.2 Oils made from the seed coat, kernel, or whole seed of the lacquer tree (3.1).