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

GB/T 11765-2026

Replacing GB/T 11765-2018

Camellia seed oil

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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 replaces GB/T 11765-2018 "Camellia Seed Oil". Compared with GB/T 11765-2018, the main differences are structural adjustments and editorial changes. Aside from the changes, the main technical changes are as follows:

---The definitions of the terms "pressed camellia seed oil" and "extracted camellia seed oil" have been revised (see 3.4, 3.6, and

3.5 in the 2018 edition), and the following additions have been made. The terminology and definition of "pressed and refined camellia seed oil" (see 3.5) have been revised, and the terminology and definition of "water-enzymatic camellia seed oil" (see 2018) have been removed. (

3.6 of the 2016 edition)

---The "Category" has been changed (see Chapter 4, Chapter 4 in the 2018 edition);

---The "water-based enzymatic method" (see

6.1 in the 2018 edition) has been removed, as have the "food safety requirements" and other requirements (see the 2018 edition). 6.3, 6.4);

---The "judgment rules" have been changed (see 8.4,.2018 version 8.4);

---The label has been changed (see Chapter 9, Chapter 9 in the.2018 edition);

---The section on "Packaging, Storage, Transportation and Sales" has been amended (see Chapter 10, Chapter 10 of the.2018 edition). 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: the Academy of Sciences of the National Food and Strategic Reserves Administration, the Standards and Quality Center of the National Food and Strategic Reserves Administration, and Henan Province. Xinrui Camellia Oil Co., Ltd., Guangshan County Jianhong Zhongtian Agricultural and Forestry Development Co., Ltd., Hunan Academy of Forestry, Hunan Dasanxiang Camellia Oil Co., Ltd. Co., Ltd., Hunan Shanrun Camellia Oil Technology Development Co., Ltd., Ganzhou Comprehensive Inspection and Testing Institute, Yushan County Dachengcang Food Co., Ltd., Fangchenggang Aojia Grain and Oil Industry Co., Ltd., Zhejiang Laoshugen Camellia Oil Development Co., Ltd., Hangzhou Qiandao Lake Yaoji Industry Co., Ltd., Anhui Hua Yinchao Oil Co., Ltd., and Chongqing Youzhou Camellia Oil Technology Co., Ltd. The main drafters of this document are: Duan Zhangqun, Xue Yalin, Xiong Weizheng, Wang Jusen, Chen Yongzhong, Yang Qian, Huang Gui, Ouyang Pengfei, Wang Mei, and Wang Zhaofoei. Zhang Hui, Yu Hongming, He Zhehua, Chen Wei, Zhou Wanmeng, Ma Li. The release history of this document and the document it replaces is as follows:

---First published in 1989 as GB/T 11765-1989, revised for the first time in.2003, and revised for the second time in.2018;

---This is the third revision. Camellia seed oil

1.Scope This document defines the terminology and definitions of camellia seed oil, and specifies its classification, relative density and fatty acid composition, quality requirements, and inspection procedures. The document describes the corresponding inspection methods for the procedures, labeling, packaging, storage, transportation, and sales. This document applies to both crude camellia seed oil and refined camellia seed oil. The quality specifications for crude camellia seed oil are only applicable to the trade of crude camellia seed oil.

4 Classification

4.1 Camellia seed oil is classified into crude camellia seed oil and finished camellia seed oil according to the degree of processing.

4.2 According to the processing technology, finished camellia seed oil is divided into pressed camellia seed oil, pressed refined camellia seed oil and extracted camellia seed

oil.

5. Relative density and fatty acid composition The relative density and fatty acid composition of camellia seed oil should conform to the specifications in Table

1. These compositions and parameters represent the basic characteristics of camellia seed oil. The claims regarding authenticity are for reference only. See Appendix A for optional claims for camellia seed oil.

6 Quality Requirements

6.1 Quality Indicators of Camellia Seed Crude Oil The quality indicators of crude camellia seed oil should meet the requirements of Table 2.

6.2 Quality Indicators of Finished Camellia Seed Oil The quality indicators of pressed camellia seed oil should meet the requirements of Table 3, and the quality indicators of pressed refined camellia seed oil and extracted camellia seed oil should meet the requirements of Table 4. According to the regulations.

7 Test methods

7.1 Relative density test. Performed in accordance with GB/T 5526.

7.2 Fatty acid composition test. Performed in accordance with GB 5009.168.

7.3 Transparency, odor and taste tests. Performed in accordance with GB/T 5525.

7.4 Moisture and volatile matter content testing. Performed in accordance with GB 5009.236.

7.5 Test for insoluble impurities. Performed in accordance with GB/T 15688.

7.6 Acid value test. Performed in accordance with GB 5009.229.

7.7 Peroxide value test. Performed in accordance with GB 5009.227.

7.8 Solvent residue test. Performed in accordance with GB 5009.262.

7.9 Color inspection. Performed in accordance with GB/T 5009.37.

7.10 Heating test. Performed in accordance with GB/T 5531.

7.11 Soap content test. Performed in accordance with GB/T 5533.

7.12 Smoke point test. Performed in accordance with GB/T 20795.

8 Inspection Rules

8.1 Sampling Perform in accordance with the requirements of GB/T 5524.

8.2 Factory Inspection

8.2.1 Each batch shall be inspected and an inspection report shall be issued.

8.2.2 Crude camellia seed oil shall be inspected according to the items specified in Table 2, and finished camellia seed oil shall be inspected according to the items specified in Table 3 or Table 4. test.

8.3 Type Testing

8.3.1 Type testing shall be conducted when there are significant changes in raw materials, equipment, or processes, or when required by supervisory and management authorities.

8.3.2 Conduct tests according to all items specified in Tables 1, 2, and 3 or

4.If the test results do not conform to the specifications in Table 1, alternative methods may be used. The oil extracted from the camellia seed raw materials used to produce this batch of products was tested and verified.

8.4 Judgment Rules

8.4.1 If the finished camellia seed oil product does not indicate its quality grade, it shall be deemed to be a product that does not comply with the provisions of this document.

8.4.2 If any one or more of the crude camellia seed products fail to meet the requirements of Table 2 after inspection, they shall be deemed to be products that do not comply with the provisions of this document. If a pressed camellia seed oil product fails to meet one or more of the requirements in Table 3 during inspection, it will be deemed a product that does not meet the corresponding grade. If any refined camellia seed oil or extracted camellia seed oil product fails to meet the requirements of Table 4 during testing, it shall be deemed to be non-compliant with the corresponding grade. Products.

9.1 Product names should be labeled according to the terms and definitions.

9.2 The processing technology should be indicated on the packaging and accompanying documents, and the quality grade of finished camellia seed oil should also be indicated.

9.3 If the product's shelf life depends on certain special conditions, this should be indicated on the label.

10.1 Packaging

10.1.1 Sales packaging shall comply with the requirements of GB/T 17374.

10.1.2 Packaging and storage graphic symbols shall comply with the requirements of GB/T 191.