



GB/T 10464—2026

Sunflowerseed Oil

葵花籽油

State Administration for Market Regulation
Standardization Administration of the People's
Republic of China

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Sunflowerseed Oil

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ChemLinked Team, REACH24H Consulting Group

Website: <http://www.chemlinked.com> | Email: contact@chemlinked.com

Tel: +353 1 8899 951 / +86 (0)571 8609 4444

Foreword

This document is drafted in accordance with the rules provided in GB/T 1.1-2020 "Directives for Standardization - Part 1: Rules for the Structure and Drafting of Standardizing Documents".

This document specifies the technical requirements related to food quality. For food safety related requirements, please refer to relevant laws, regulations, policies, and food safety standards.

This document replaces GB/T 10464-2017 "Sunflowerseed Oil". Compared with GB/T 10464-2017, in addition to structural adjustments and editorial modifications, the main technical changes are as follows:

- Added the terms and definitions of "Sunflowerseed oil", "High linoleic acid sunflowerseed oil", "High oleic acid sunflowerseed oil", and "Sunflowerseed kernel oil" (see 3.1, 3.1.1, 3.1.2, 3.3.1.1);
- Changed the "Classification" (see Chapter 4);
- Changed the "Relative density and fatty acid composition" (see Chapter 5);
- Added the solvent residual requirement for crude sunflowerseed oil produced by pressing (see 6.1), and changed the unit and corresponding values of peroxide value (see Chapter 6);
- Deleted the "Food safety requirements" (see 6.3 of the 2017 edition);
- Changed the "Decision rules" (see 8.4);
- Changed the "Labeling" (see Chapter 9);
- Changed the "Packaging, storage, transportation and sales" (see Chapter 10).

Please note that some content of this document may involve patents. The issuing organization of this document does not assume the 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 270 on Grain and Oil of Standardization Administration of China (SAC/TC 270).

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Main drafters of this document: Duan Zhangqun, Xue Yalin, Yang Lifei, Gong Xuzhou, Chi Huazhong, Liu Hong, Wang Xingguo, Deng Qianchun, Wang Qiang, Wang Gonghui, Li Xiujuan, Xie Chenxia, Zhang Junhui, Song Lili, Liu Yan, Jiao Shanhai, Guo Qin, Zhao Chenwei.

The previous versions of this document and the replaced documents are as follows:

- First issued in 1986 as GB/T 10464-1986, first revised in 2003, and second revised in 2017;
- This is the third revision.

Sunflowerseed Oil

1 Scope

This document defines the terms and definitions of sunflowerseed oil, specifies its classification, relative density and fatty acid composition, quality requirements, test methods, inspection rules, labeling, packaging, storage, transportation, and sales, and describes the corresponding test methods.

This document applies to crude sunflowerseed oil and finished product of sunflowerseed oil. The quality indicators for crude sunflowerseed oil only apply to the trade of crude sunflowerseed oil.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute indispensable provisions 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.

GB/T 191 Packaging - Pictorial Marking for Handling of Goods

GB/T 5009.37 Method For Analysis of Hygienic Standard of Edible Oils

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

GB 5009.227 National Food Safety Standard - Determination of Peroxide Value in Foods

GB 5009.229 National Food Safety Standard - Determination of Acid Value in Foods

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

GB 5009.262 National Food Safety Standard - Determination of Solvent Residue in Foods

GB/T 5524 Animal and Vegetable Fats and Oils - Sampling

GB/T 5525 Vegetable Fats and Oils - Method for Identification of Transparency, Odor and Flavor

GB/T 5526 Animal and Vegetable Fats and Oils - Determination of Relative Density



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