



GB 2716-2018 National Food Safety Standard Vegetable Oil

GB 2716—2018 食品安全国家标准 植物
油

National Health Commission of the People's
Republic of China
State Administration for Market Regulation

Translated by Chemlinked

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National Standard of the People's Republic of China

GB 2716-2018

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Foreword

This standard replaces GB 2716-2005 “Hygienic Standard for Edible Vegetable Oil” and GB 7102.1-2003 “Hygienic Standard for Edible Vegetable Oils Used in Frying Food”.

Compared with GB 2716-2005 and GB 7102.1-2003, the main changes of this standard are as follows:

- the standard title has been revised to “National Food Safety Standard Vegetable Oil”;
- the scope has been revised;
- the terms and definitions have been revised;
- the physicochemical indicators have been revised;
- the requirements for uses of food nutritional fortification substances have been added;
- the labeling requirements have been added;
- the Annex A has been added.

National Food Safety Standard

Vegetable oil

1. Scope

This standard applies to virgin vegetable oil, edible vegetable oil, edible vegetable oil blends, and all kinds of edible vegetable oils used in frying food.

This standard does not apply to edible oil & fat products.

2. Terms and Definitions

2.1 Virgin vegetable oil

It refers to the raw oil, not directly edible, which is made from edible oil-bearing vegetable materials (raw materials) and used for processing edible vegetable oil.

2.2 Edible vegetable oil

It refers to the edible oil & fat, which is made from edible oil-bearing vegetable materials or virgin vegetable oil (raw materials).

2.3 Edible vegetable oil blends

It refers to the edible oil & fat, which is prepared by blending two or more kinds of edible vegetable oils.

3. Technical Requirements

3.1 Requirements for raw materials

3.1.1 Edible oil-bearing vegetable materials shall comply with provisions stipulated in GB 19641.

3.1.2 Other raw materials shall comply with the corresponding food standards and relevant provisions.

3.1.3 Extraction solvent used in extraction shall comply with requirements of GB 1886.52 and relevant provisions.

3.2 Sensory requirements

Sensory requirements shall comply with the provisions of Table 1.

Table 1 Sensory requirements

Items	Requirements	Test methods
Color	With normal color that the product is supposed to possess	Take appropriate amount of test sample, place in a 50-mL beaker and observe the color under natural light. Pour the test sample into a 150-mL beaker, heat to 50°C in the water bath, rapidly stir with a glass rod, smell its odor, rinse the mouth with warm water, and then taste its flavor.
Odor and taste	With innate odor and taste that the product is supposed to possess; without burnt odor, rancidity odor and other peculiar smell	
State	With the state that the product is supposed to possess; without foreign matters visible by the normal eyesight	

3.3 Physicochemical indicators

Physicochemical indicators shall comply with the provisions of Table 2.

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