



GB 4789.46-2024

National Food Safety Standard

Food Microbiology Testing Sampling and Sample Processing of Fresh Fruits and Vegetables and Their Products, Edible Fungi Products, Nuts and Seeds

食品安全国家标准 食品微生物学检验 生鲜果蔬及其制品、食用菌制品、坚果与籽类食品采样和检样处理

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

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National Standard of the People's Republic of China

GB 4789.46-2024

In Replacement of GB/T 4789.24-2003 and GB/T 4789.33-2003

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Food Microbiology Testing

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Foreword

This standard replaces the part on candied fruit inspection in GB/T 4789.24-2003 “Microbiological Examination of Food Hygiene - Examination of Candies, Cakes and Candied Fruit” and the part on fruit and vegetable food inspection in GB/T 4789.33-2003 “Microbiological Examination of Food Hygiene - Examination of Cereals, Fruits and Vegetables”.

Compared with GB/T 4789.24-2003 and GB/T 4789.33-2003, the main changes of this standard are as follows:

- The name of the standard has been modified;
- Modified the scope;
- Modified equipment and materials;
- Media and reagents were removed;
- Modified sampling;
- Modified the processing of samples;
- Modified the inspection.

National Food Safety Standard

Food Microbiology Testing

Sampling and Sample Processing of Fresh Fruits and Vegetables and Their Products, Edible Fungi Products, Nuts and Seeds

1 Scope

This standard specifies the sampling and sample processing methods for fresh fruits and vegetables and their products, edible fungi products, nuts and seeds.

This standard applies to the sampling and sample processing of fresh fruits and vegetables and their products, edible fungi products, nuts and seeds. This standard does not apply to beverages or frozen drinks made from fruits and vegetables.

2 Equipment and materials

2.1 Sampling tools

Sampling tools should be made of stainless steel or other materials of appropriate strength, with a smooth surface, no cracks, and rounded edges and corners. Sampling tools should be clean and sterile and kept dry before use. Sampling tools include stirring utensils, sampling spoons, knives, sampling drills, scissors, tweezers, etc.

2.2 Sample container

The material (such as glass, stainless steel, plastic, etc.) and structure of the sample container should be able to fully ensure the original state of the sample. Containers and lids should be clean, sterile and dry. The sample container should be of sufficient volume to allow the sample to be thoroughly mixed before testing. Sample containers include sampling bags, sampling tubes, sampling bottles, etc.

2.3 Other supplies

Including alcohol lamp, thermometer, aluminum foil, sealing film, marker pen, sampling registration form, etc.

3 Sampling



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Standard



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