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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB 31637-2025

National Food Safety Standard - Edible Starch

食品安全国家标准 食用淀粉

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State Administration for Market Regulation.

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National Food Safety Standard - Edible Starch

1 Scope

This Standard is applicable to edible starch.

2 Terms and Definitions

2.1 Edible Starch

Native starch extracted from edible plants, such as: cereals, rhizomes and legumes by physical methods, or edible modified starch (including pre-gelatinized starch, heat-moisture treated starch, porous starch and soluble starch, etc.) without introducing new chemical groups into the starch molecules and without changing the type of glycosidic bonds in the starch molecules.

2.2 Native Starch

2.2.1 Cereal starch

Edible starch extracted from cereal plants (such as: corns, wheat and rice, etc.) and not modified.

2.2.2 Rhizome starch

Edible starch extracted from rhizomes (such as: potatoes, cassavas, sweet potatoes, yams, taros and lotus roots, etc.) and not modified.

2.2.3 Legumes starch

Edible starch extracted from legumes (such as: peas, mung beans and broad beans, etc.) and not modified.

2.2.4 Other starches

Edible starch extracted from other plants and not modified.

2.3 Modified Starch

2.3.1 Pre-gelatinized starch

The starch is treated by drum drying, spray drying, extrusion drying and other processes to obtain edible modified starch which has the characteristics of obvious swelling or colloidal dispersion after contact with cold water, without introducing new chemical groups and without changing the type of glycosidic bonds in the starch molecules.

2.3.2 Other modified starches

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