



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

GB/T 317-2018

White granulated sugar

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 317-2006 "White granulated sugar". Except for editorial modification, the main technical differences of this standard in comparison with GB/T 317-2006 are as follows.

- Added black spot requirements (see 3.2.3);
- Modified food safety requirements (see 3.4, 2006 edition 3.4);
- Added requirements for raw materials (see 3.5);
- Modified test methods of sensory items, physical and chemical items (see chapter 4, 2006 edition, chapter 4);
- Modified the rules of inspection (see chapter 5, 2006 edition, chapter 5).

This standard is prepared by the redrafting method with reference to the Codex Stan 212-1999 "Codex standard for sugars" by the International Codex Alimentarius Commission, and the consistency with Codex Stan 212-1999 is non-equivalent.

This standard is proposed by China National Light Industry Council.

This standard shall be under the jurisdiction of the National Sugar Standardization Technical Committee (SAC/ TC 373).

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The historical versions replaced by this standard are.

- GB 317-1984, GB 317-1998, GB/ T 317-2006;
- GB 317.1-1991;
- GB 317.2-1991.

White granulated sugar

1 Scope

This standard specifies the technical requirements, test methods, inspection rules and marking, packaging, transportation and storage of white granulated sugar.

This standard is applicable to white granulated sugar produced directly or indirectly from sugarcane, sugar beet or raw sugar.

2 Normative references

The following referenced documents are indispensable for the application 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 7718 National food safety standards - General Principles of pre-packaged food labels

GB/T 10496 Sugar beet

GB/T 10498 Sugarcane

GB 13104 National Food Safety Standard. Sugars

GB/T 15108 Raw sugar

3.1 Grade

White granulated sugar is divided into four grades. refined, superior, first and second.

3.2.1 The grain shall be uniform, and the grain size shall not be less than 80%
within a certain range below.

3.3 Physical and chemical requirements

The specifications of table 1 shall be complied with.

3.6 Quantitative packaging requirements

The net content shall conform to the requirements in the "Measures for metrological supervision and administration of quantitative packaging commodities".

4.1 Sensory items

Color, taste, smell and state shall be determined by the method specified in GB 13104; particle size and black spot shall be determined by the method specified in GB/T 35887.

4.3 Food safety requirements

It shall be determined by the method specified in GB 13104.

4.4 Net content

It shall be determined by the method specified in JJF 1070.

5.1.1 Each separated sugar paste uses one number. When weighing and

packing, continuously collect the sample about 3 kg; place it in a capped container. Mix the sample evenly and give it one number. In addition to the sample for numbering analysis, take another 0.5kg and place it in a capped container, which is to be used after 24 hours as daily collection sample.

5.1.2 On the premise that the product quality is stable, the factory can conduct

spot check on each number of samples according to the actual conditions of production. The test items include. sucrose, reducing sugar, conductance ash, dry weight loss, color value, turbidity and insoluble water impurity.