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SB

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OF THE PEOPLE'S REPUBLIC OF CHINA

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Hard candy

糖果 硬质糖果

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Hard candy

1 Scope

This standard specifies the terms and definitions, classification, technical requirements, inspection methods, inspection rules, judgment rules, labeling, marking, packaging, storage, transportation and sales requirements for hard candy products.

This standard is applicable to the production, inspection and sales of hard candy series products as defined in 3.1.

2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this standard.

GB/T 191 Packaging - Pictorial marking for handling of goods

GB/T 317 White granulated sugar

GB 2760 National food safety standard - Standards for uses of food additives

GB 2762 Food safety national standard - Contaminant limits in food

GB 5009.7-2016 National food safety standard - Determination of reducing sugar in foods

GB 7718 National food safety standard - Standard for nutrition labelling of prepackaged foods

GB 14880 National food safety standard for the use of nutritional fortification substances in foods

GB 17399 Hygienic standard for chewing gum

GB/T 20881 Isomaltooligosaccharide

GB/T 20883 Maltose

GB/T 20885 glucose syrup

GB 28050 National food safety standard - Nutrition label standards of pre-packaged food

GB/T 31120-2014 Candy terminology

GB 31621 Food safety national standard - Code of hygienic practice in food

- b) Granulated sugar hard candy;
- c) Filled hard candy;
- d) Coating hard candy, coating and polishing hard candy;
- e) Other hard candies.

5 Technical requirements

5.1 Raw and auxiliary materials

5.1.1 White sugar

It shall meet the requirements of GB 317.

5.1.2 Isomalto-oligosaccharide

It shall meet the requirements of GB/T 20881.

5.1.3 Maltose

It shall meet the requirements of GB/T 20883.

5.1.4 Glucose syrup

It shall meet the requirements of GB/T 20885.

5.1.5 Other raw materials

It shall comply with requirements of relevant national standards or industry standards.

5.1.6 Food additives

The quality shall comply with the requirements of relevant national standards or industry standards.

5.1.7 Food nutrition fortifier

The quality shall comply with the requirements of relevant national standards or industry standards.

5.2 Sensory requirements

It shall meet the requirements of Table 1.

5.5 Net content

It shall comply with the provisions of the "Measures for Supervision and Administration of Quantitative Packaging Commodities"

6 Inspection method

6.1 Senses

Place the sample in a clean, dry white container; peel off all packaging materials; check the color, shape, composition, taste, flavor and impurities.

6.2 Loss on drying

Make determination according to the method specified in Appendix A.

6.3 Reducing sugar

Make determination according to the first method specified in GB 5009.7-2016.

6.4 Food safety indicators

Make determination according to the method specified in the corresponding national food safety standards.

6.5 Negative deviation of net content

It shall be inspected according to JJF 1070.

7 Inspection rules

7.1 Group-batch

Products of the same shift or the same shift team, the same variety, the same production line form a batch.

7.2 Sampling

Randomly select 0.2% of each batch in the production line, or not less than 1 kg in each batch.

7.3 Exit-factory inspection

7.3.1 The products shall be inspected batch by batch; it can exit-factory after passing the inspection.

7.3.2 The exit-factory inspection items of prepackaged products include sensory requirements, net content, loss on drying and reducing sugar. The exit-factory inspection items of quantity-based bulk products for sales include sensory requirements, mass, loss on drying and reducing sugar.

7.3.3 For products of the same variety and different packages, the inspection

9.1.2 Products containing fruit/juice ingredients (fruit pulp, fruit powder, jam, juice, concentrated juice) in the ingredients not less than 2.5% of the total mass fraction of the candy (calculated as the original fruit or original juice) may be marked as ××(fruit/juice) candy; when a variety of fruit/juice ingredients (fruit pulp, fruit powder, jam, fruit juice, concentrated juice) are added to the candy, if the fruit/juice ingredients is not less than 1.5% of the total mass fraction of the candy (calculated as the original fruit or original juice), it can be named by the fruit represented by the fruit/juice, marked as ××(fruit/juice) candy.

9.2 Marking

The storage and transportation marking shall meet the requirements of GB/T 191.

9.3 Packaging

9.3.1 Packaging materials shall comply with relevant national standards or industry standards.

9.3.2 The packing box shall be tight, tidy and free from damage.

9.4 Storage

9.4.1 Products shall be stored in a clean and dry warehouse.

9.4.2 The products shall be stacked on the stacking mat; it shall be not less than 10 cm above the ground and from the wall.

9.5 Transport

9.5.1 Transport vehicles shall meet sanitary requirements.

9.5.2 It shall not be mixed or transported with toxic and polluting materials. Avoid squeezing, sun exposure or rain during transportation. Handle with care when loading and unloading.

9.6 Sales

Products shall be sold in a clean and hygienic environment. The bulk products sold based on quantity shall comply with the provisions of GB 31621 and the "Code of hygienic management of bulk food".

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