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**AUTOMOTIVE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

QC/T 631-2025

**Exhaust muffler assembly of automotive
(English Translation)**

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Foreword

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

This standard replaces SB/T 10018-2008 "Hard candy". Compared with SB/T 10018-2008, the main technical changes are as follows.

- According to GB/T 31120-2014 "Candy terminology", clearly STATE the definition of hard candy;
- According to GB/T 23823-2009 "Candy classification", clearly STATE the classification of hard candy;
- IMPROVE the description of "sensory requirements";
- ADD the requirements for "other raw and auxiliary materials";
- ADD the requirements for "food nutrition fortifiers";
- MODIFY the sanitation indicators to food safety indicators; KEEP the relevant indicators in consistent with the national food safety standards;
- SIMPLIFY the sampling method;
- ADD the requirements for "marking" and "sales";

- LIST the "GB/T 23823-2009 Candy classification" as the reference of this standard.

This standard was proposed by the China Chamber of Commerce.

This standard shall be under the jurisdiction of the National Confectionery and Chocolate Standardization Technical Committee (SAC/TC 375).

The main drafting organizations of this standard. Fujian Yake Food Co., Ltd., Dongguan Xuji Food Co., Ltd., Qifeng (Fujian) Food Co., Ltd., Shishi Lixiang Food Co., Ltd., Shanghai Golden Monkey Food Co., Ltd., Beijing Kangbeier Food Co., Ltd., Shanghai Tianmi Food Co., Ltd., Shanghai Wowo (Group) Co., Ltd., Carlsberg Co., Ltd., Guangdong Xizhilang Group Co., Ltd., Fujia (Hangzhou) Food Co., Ltd., Guangdong Zhenmei Food Co., Ltd., Yoha Weijutang Food (Shanghai) Co., Ltd., Bufandi Van Melle Candy (China) Co., Ltd., Mondelez Food Management (Shanghai) Co., Ltd., Want Want Group, Wrigley Candy (China) Co., Ltd., Shenzhen Standa Consulting Co., Ltd., China Food Industry Association Candy Professional Committee, China Bakery and Sugar Products Industry Association, Beijing Zhongshang Huace Commercial Standard Consulting Center Co., Ltd.

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

3 Terms and definitions

The terms and definitions as defined in GB/T 31120-2014 as well as the following terms and definitions apply to this document.

3.1

Hard candy

Hard and brittle solid candies made with sugar and/or syrup or sweeteners as main raw materials and processed by related processes.

Note: Rewrite GB/T 31120-2014, definition 2.2.

3.1.4

Coating hard candy, coating and polishing hard candy

Hard candy with surface coating, polished or unpolished.

4 Categories

It is classified according to the different production materials and processes of hard candies.

5.1.1 White sugar

It shall meet the requirements of GB 317.

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.

5.3 Physical-chemical indicators

It shall meet the requirements of Table 2.

5.4.1 Pollutant limits

It shall meet the requirements of GB 2762.

5.4.2 Microbial limit

It shall meet the requirements of GB 17399.

5.5 Net content

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

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.