

Voluntary Report – Voluntary - Public Distribution

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Report Name: National Food Safety Standard Canned Complementary Foods for Infants and Young Children Finalized

Country: China - People's Republic of

Post: Beijing

Report Category: FAIRS Subject Report, Sanitary/Phytosanitary/Food Safety

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Report Highlights:

On March 27, 2025, The People's Republic of China (China's) National Health Commission (NHC) and State Administration for Market Regulation (SAMR) jointly released the National Food Safety Standard Canned Complementary Foods for Infants and Young Children (GB 10770-2025). The standard applies to canned complementary foods for older infants and young children aged 6 months to 36 months, and it will enter into force on March 16, 2026. China notified the draft standard to the WTO on March 6, 2023. This report provides unofficial translation of the final standard. Stakeholders should conduct their own review of the regulation.

Summary:

On March 27, 2025, The People's Republic of China (China's) National Health Commission (NHC) and State Administration for Market Regulation (SAMR) jointly released the National Food Safety Standard Canned Complementary Foods for Infants and Young Children (GB 10770-2025).

On March 6, 2023, China notified an updated National Food Safety Standard of Canned Complementary Foods for Infants and Young Children to the WTO under [G/SPS/N/CHN/1270](#). This standard applies to canned complementary foods for infants and young children aged six to 36 months old and regulates the technical requirements for the products.

The final standard will enter into force on March 16, 2026, and replace the current implementing standard of GB 10770-2010 that entered into force since April 2011. Compared with the current implementing standard, the major changes in the updated standard include:

- Revised definitions for canned complementary foods categories;
- Added new requirements that honey should not be used in the products;
- Added new chemical indicators for histamine in products containing fish;
- Updated references for contaminants and mycotoxins limits; and,
- Added new warning message of “this product contains granules and flakes (cubes), so please pay attention to swallowing safety when consuming” for products in forms of granules, flakes, or cubes.

This report provides an unofficial translation of the final standard. Stakeholders should conduct their own review of the regulation.

BEGIN TRANSLATION

National Food Safety Standard

Canned Complementary Foods for Infants and Young Children

Foreword

This standard replaces GB 10770-2010 National Food Safety Standard Canned Complementary Foods for Infants and Young children.

Compared with GB 10770-2010, the main changes in this standard are as follows:

- Modified description of the scope, terms, and definitions,
- Modified description of product classification,
- Modified the description of requirements for ingredients,
- Add requirement that honey shall not be used,
- Added histamine limit requirements under the physical and chemical indicators,
- Referenced national standards for limits of contaminants and mycotoxins,

- Updated standards numbers for the testing methods,
- Modified consumption precautions.

1 Scope

The Standard applies to canned complementary foods for older infants and young children aged 6 months to 36 months.

2 Terms and Definitions

2.1 Older infants

Refers to infants aged 6 months to 12 months.

2.2 Young children

Refers to children aged 12 months to 36 months.

2.3 Canned complementary foods for infants and young children

The ingredients of the foods are treated, filled, sealed, sterilized, or aseptically filled to achieve commercial sterilization, that can be stored at room temperature and is suitable for older infants and young children aged 6 months to 36 months to consume.

3 Product Morphology Classification

3.1 Liquid canned supplementary foods

Canned supplementary foods for infants and young children that are in liquid state.

3.2 Pasty canned supplementary foods

Canned complementary foods for infants and young children that is semi-solid or solid and can be swallowed smoothly without chewing.

3.3 Granular, flaky (cubed) canned supplementary foods

Canned supplementary foods for infants and young children with moderate thickness, the size of which shall not cause swallowing difficulties. If the product is consumed by older infants aged 6 months to 12 months, the size of its particles and pieces (blocks) shall be less than 5 mm.

4 Technical Requirements

4.1 Requirements on Ingredients

The ingredients used in the product shall meet the corresponding safety standards and/or relevant regulations, ensure the safety and meet the nutritional needs for infants and young children, and shall not use substances that endanger the nutrition and health of infants and young children.

The water used in production with direct contact for the product shall meet the requirements of GB 5749.

Ingredients such as animal meat, poultry meat, fish meat, shrimp meat, and animal liver shall not contain bones, scales, thorns, fascia, and other substances which are not suitable for infants and young children. If necessary, remove crude fibers of ingredients derived from plants.

Fruits, vegetables, and their products used as raw materials shall not be spoiled. Fresh or frozen livestock meat, poultry meat, fish meat, shrimp meat, animal liver, and their products shall be used for ingredients.

Materials treated with radiation shall not be used.

Hydrogenated oil and fat shall not be used.

Spices shall not be used.

Honey shall not be used.

4.2 Sensory Requirements

Sensory indicators shall comply with provisions in the Table 1.

Table 1: Sensory Requirements

Item	Requirements
Color	Must be consistent with characteristics of corresponding products.
Taste and smell	Must be consistent with characteristics of corresponding products.
Texture	Must be consistent with characteristics of corresponding products, there shall be no visible foreign objects, and there shall be no substances such as bones, scales, and thorns that are not suitable for infants and young children.

4.3 Physical and Chemical Indicators

4.3.1 For the products (excluding liquid products) with livestock meat, poultry meat, fish meat, shrimp meat, or animal liver as the only ingredient except for water or the only protein source, they shall not be less than 40% of the total mass of the products (calculated based on

ingredients). The protein content of this product shall not be less than 1.7 g/100 kJ (7g/100 kcal) and the fat content shall not be greater than 1.4 g/100 kJ (6g/100 kcal).

4.3.2 For products (excluding liquid products) made of animal meat, poultry meat, fish meat, shrimp meat, animal liver, separately (or in combination) with other food ingredients, the ingredient with the largest content of animal meat, poultry meat, fish meat, shrimp meat, and animal liver shall not be less than 8% of the total mass of the products (calculated based on ingredients). The protein content of this product shall not be less than 0.7 g/100 kJ (3 g/100 kcal), and the fat content shall not be greater than 1.4 g/100 kJ (6 g/100 kcal).

4.3.3 For products containing fish, the amount of histamine in the product shall not be greater than 10 mg/100 g.

4.3.4 Liquid, pasty, granular, or flaky (cubed) products made from fruits and/or vegetables shall not be added with sodium chloride.

4.3.5 The sodium content of the product shall not be greater than 200 mg/100 g at the ready-to-eat state.

4.3.6 The energy value of the product shall be calculated according to the method specified in GB 10769. Protein testing methods shall comply with GB 5009.5, fat testing methods shall comply with GB5009.6, sodium testing methods shall comply with GB 5009.91, and histamine testing methods shall comply with GB 5009.208.

4.4 Contaminant Limits

Shall comply with provisions of GB 2762¹.

4.5 Mycotoxin Limits

Shall comply with provisions of GB 2761².

4.6 Microbial limits

It shall meet the requirements of commercial sterilization of canned foods and be tested according to the methods specified in GB4789.26. Tomato pastes and tomato juice products shall also meet the requirements in Table 2.

¹ National Food Safety Standard Maximum Levels of Contaminants in Foods ([GB2762-2022](#)).

² National Food Safety Standard Maximum Levels of Mycotoxins in Foods ([GB2761-2017](#)).

Table 2: Microbial Limits Indicators

Item	Sampling plan ^a and limit ^b	Testing methods
Mold (visual field%) ≤	40	GB 4789.15
^a collection and treatment of samples shall be carried out according to GB 4789.1.		

4.7 Food Additives and Nutrition Fortification Substances

4.7.1 Use of food additives and nutrition fortification substances shall comply with provisions of GB 2760³ and GB 14880⁴ respectively, as well as relevant announcements.

4.7.2 Mass of food additives and nutrition fortification substances shall comply with corresponding standards and relevant provisions respectively, as well as relevant announcements.

5 Others

5.1 The product labels shall comply with the provisions of GB 13432⁵ and the contents of “100 kilojoules (100 kJ)” shall be added to the nutrition information (table) on the label.

5.2 The label shall indicate the appropriate ages of infants and young children, consumption methods, and precautions. The canned supplementary foods for infants and young children in the form of granules and flakes (cubes) shall be marked with “this product contains granules and flakes (cubes), so please pay attention to swallowing safety when consuming.”

5.3 Liquid canned foods shall indicate the contents of juice or puree of fruits and vegetables in the product.

END TRANSLATION

Attachments:

[GB 10770-2025 Canned complementary foods for infants and young children.pdf](#)

³ National Food Safety Standard Usage Standard for Food Additives ([GB2760-2024](#)).

⁴ National Food Safety Standard Use of Nutritional Fortification Substances ([GB14880-2012](#)).

⁵ National Food Safety Standard Labeling of Prepackaged Foods for Special Dietary Uses ([GB13432-2013](#)).