

**Voluntary Report** – Voluntary - Public Distribution

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**Report Name:** National Food Safety Standard of Canned Complementary Foods for Infants and Young Children Notified to WTO

**Country:** China - People's Republic of

**Post:** Beijing

**Report Category:** FAIRS Subject Report, MISC-Commodity, Sanitary/Phytosanitary/Food Safety, Trade Policy Monitoring, WTO Notifications

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**Report Highlights:**

On March 6, 2023, China notified an updated National Food Safety Standard of Canned Complementary Foods for Infants and Young Children to the World Trade Organization (WTO) under G/SPS/N/CHN/1270. The deadline for comment submission is May 5, 2023. The proposed date of entry into force is to be determined. Comments may be submitted by email to China's SPS Enquiry Point at [sps@customs.gov.cn](mailto:sps@customs.gov.cn). This report provides an unofficial translation of the draft standard.

## Summary:

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](#). The deadline for comment submission is May 5, 2023. The proposed date of entry into force is to be determined. Comments may be submitted by email to China's SPS Enquiry Point at [sps@customs.gov.cn](mailto:sps@customs.gov.cn). This standard applies to canned complementary foods for infants and young children 6 to 36 months old and regulates the technical requirements.

The notified standard is an update of the current National Food Safety Standard of Canned Complementary Foods for Infants and Young Children ([GB 10770-2010](#)) (link in Chinese), which went into effect in April 2011. Compared with the current implementing standard, the updated standard revised requirements for ingredients, referenced current standards of maximum limit levels for contaminants and mycotoxins, added in new requirements on limits of histamine under chemical requirements, and revised on labelling statement requirements. This report provides an unofficial translation of the draft standard. Comments on the WTO notified standard may be submitted by email to China's SPS Enquiry Point at [sps@customs.gov.cn](mailto:sps@customs.gov.cn).

## BEGIN TRANSLATION

### **National Food Safety Standard Canned Complementary Foods for Infants and Young Children (Draft for comments)**

#### **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,
- Added histamine limit requirements under the physical and chemical indicators,
- Referenced national standards for limits of contaminants, mycotoxins, and pathogenic bacteria,
- Updated standards numbers for the testing methods,
- Modified usage precautions.

#### **1 Scope**

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

## **2 Terms and Definitions**

### **2.1 Older infants**

Refers to infants aged 6 to 12 months.

### **2.2 Young children**

Refers to children aged 12 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 6-36 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 6-12 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 of infants and meet the nutritional needs, and shall not use substances that endanger the nutrition and health of infants and young children. The production water in direct contact with 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 raw materials derived from plants.

Fruits, vegetables, and their products used as raw materials shall be high-quality and are not spoiled. High-quality fresh or frozen livestock meat, poultry meat, fish meat, shrimp meat and animal liver and their products shall be used for ingredients. Materials treated with radiation, hydrogenated oil, and fat shall not be used. Spices shall not be used. Sucrose, fructose, glucose, and glucose syrup shall not be added.

### **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 ingredients except for water or the only protein source, the ingredients 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 1.7g/100kJ(7g/100kcal) and the fat content shall not be greater than 1.4g/100kJ(6g/100kcal).

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 ingredients 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 0.7g/100kJ(3g/100kcal), and the fat content shall not be greater than 1.4g/100kJ(6g/100kcal).

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

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 200mg/100g in the ready-to-eat state.

4.3.6 The energy value of the product shall be calculated according to the method 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 2762.

### **4.5 Mycotoxin Limits**

Shall comply with provisions of GB 2761.

#### 4.6 Microbial limits

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

**Table 2: Microbial Limits**

Item	Sampling plan <sup>a</sup> and limits <sup>b</sup>	Testing methods
Mould/(% visual field)≤	40	GB 4789.15
a Analysis and treatment of samples shall be carried out according to GB 4789.1. b Unless otherwise specified, all limits are expressed in CFU/g or CFU/mL.		

#### 4.7 Food Additives and Nutrition Fortifiers

4.7.1 Use of food additives and nutrition fortifiers shall comply with provisions of GB 2760 and GB 14880, as well as relevant announcements, respectively.

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

#### 5 Others

5.1 The product labels shall comply with the provisions of GB 13432 and the contents of “100 kilojoules (100kJ)” shall be added to the label of the nutrient composition tables.

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 granule and flaky (cubed) shall be marked with “this product contains granules and flaky (cubed), 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.

#### Attachments:

No Attachments.