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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB 22570-2014

**National food safety standard - Complementary food
supplements**

食品安全国家标准 辅食营养补充品

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National food safety standard - Complementary food supplements

1 Scope

This standard applies to complementary food nutritional supplements for infants and young children, who are aged 6 months ~ 36 months AND children who are aged 37 months ~ 60 months.

2 Terms and definitions

2.1 Complementary food

Foods, which are added to meet nutritional needs, including home-prepared and factory-produced, while infants and young children continue to be breastfed, beyond 6 months of age.

2.2 Complementary food nutritional supplements

A supplement, which contains a variety of micronutrients (vitamins and minerals, etc.), has food matrix and other excipients, is added to ready-to-eat complementary foods for infants and young children aged 6 months ~ 36 months, OR for children aged 37 months ~ 60 months. At present, the commonly used forms are complementary nutrient supplement food, complementary nutrient supplement tablet, complementary nutrient sprinkler.

2.2.1 Complementary nutrient supplementary foods

Complementary nutritional supplements, which are made of one or more of soybeans, soybean protein products, milk, milk protein products as food substrates, by adding a variety of micronutrients and/or other excipients. The food form can be powder or granular or semi-solid; the food matrix can provide some high-quality protein.

2.2.2 Complementary nutrient supplement tablet

A flake-like complementary nutritional supplement, which is made of one or more of soybeans, soybean protein products, milk, milk protein products as the food matrix, by adding a variety of micronutrients and/or other excipients. It is brittle OR easy to disperse.

2.2.3 Complementary nutrient sprinklers

Powdered or granular complementary nutrient supplements, which are mixed with a variety of micronutrients. It may not contain food substrates.

3 Technical requirements

3.1 Recommended daily servings of complementary nutrient supplements

Complementary nutrient supplement food is 10.0 g ~ 20.0 g. Complementary nutrient supplement tablet is 1.5 g ~ 3.0 g. Complementary nutrient sprinkler is 0.8 g ~ 2.0 g.

3.2 Raw material requirements

3.2.1 The food substrate shall be ready-to-eat food raw materials. Its quality shall meet the corresponding standards and/or relevant provisions.

3.2.2 Soybeans and their processed products shall be treated at high temperature, to eliminate anti-nutritional factors, such as trypsin inhibitors.

3.2.3 Complementary materials shall comply with corresponding standards and/or relevant provisions.

3.3 Sensory requirements

The color, taste, smell, texture state of complementary nutritional supplements shall conform to the characteristics of the corresponding product. There shall be no foreign objects visible with normal vision.

3.4 Essential ingredients

In the complementary nutrient supplement food, the protein content shall not be less than 25 g/100 g; the inspection method shall meet the requirements of GB 5009.5; the protein content shall be calculated as nitrogen (N) $\times$ 6.25.

The content of other nutrients, in the complementary nutritional supplements, shall meet the requirements in Table 1, when converted into daily servings.

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