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[Sales@ChineseStandard.net](mailto:Sales@ChineseStandard.net)

**GB**

NATIONAL STANDARD OF  
THE PEOPLE'S REPUBLIC OF CHINA

**GB 31601-2015**

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**National Food Safety Standard - Multi-Nutrient  
Supplementary Food for Pregnant and Lactating Women**

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# **National Food Safety Standard - Multi-Nutrient Supplementary Food for Pregnant and Lactating Women**

## **1 Scope**

This Standard applies to multi-nutrient supplementary food for pregnant and lactating women, other than national laws, regulations and/or standards.

## **2 Terms and definitions**

### **2.1 multi-nutrient supplementary food for pregnant and lactating women**

special dietary food made of by adding with high quality protein and a variety of micronutrients (vitamins and minerals, etc.) suitable for pregnant and lactating women to supplement nutrients

## **3 Technical requirements**

### **3.1 Daily recommended amount of multi-nutrient supplementary food for pregnant and lactating women**

The maximum daily recommended amount of multi-nutrient supplementary food for pregnant and lactating women is 50 g.

### **3.2 Raw material requirements**

**3.2.1** High quality protein shall be derived from one or more kinds of soybeans, soy products, milk products, dairy products of which its content accounts for 18%~35% of the mass of multi-nutrient supplementary food for pregnant and lactating women.

**3.2.2** The raw materials used for multi-nutrient supplementary food for pregnant and lactating women shall comply with the provisions of corresponding standards and/or regulations.

**3.2.3** Soybean and its processed products shall be processed at high temperature and by other processes to eliminate anti-nutritional factors, such as trypsin inhibitors.

**3.2.4** Hydrogenated grease shall not be used.

**Table 5 -- Microorganism limits**

| Item       | Sampling scheme <sup>a</sup> and limit (if not specified, both in CFU/g) |   |        |     | Inspection method              |
|------------|--------------------------------------------------------------------------|---|--------|-----|--------------------------------|
|            | n                                                                        | c | m      | M   |                                |
| Coliforms  | 5                                                                        | 2 | 10     | 100 | GB 4789.3 Flat counting method |
| Salmonella | 5                                                                        | 0 | 0/25 g | -   | GB 4789.4                      |

<sup>a</sup> The analysis and treatment of the samples shall be carried out according to GB 4789.1.

### 3.9 Food additives and nutritional supplements

**3.9.1** The use of food additives shall be consistent with the provisions of GB 2760.

**3.9.2** The use of nutrition enhancers shall comply with the provisions of GB 14880.

**3.9.3** The quality specifications of food additives and nutritional fortifiers shall meet the appropriate standards and/or regulations.

### 3.10 Urease activity

The indicators of urease activity in products containing legumes shall meet the requirements of Table 6.

**Table 6 -- Urease activity indicator**

| Item                        | Indicator | Inspection method |
|-----------------------------|-----------|-------------------|
| Urease activity qualitative | Negative  | GB 5413.31        |

## 4 Marks

**4.1** The product label shall be consistent with the provisions of GB 13432. The food name shall be marked according to the appropriate users of "multi-nutrient supplementary food for pregnant women" or "multi-nutrient supplementary food for lactating women" or "multi-nutrient supplementary food for pregnant and lactating women".

**4.2** The label shall also be marked with "this product cannot replace the normal diet", "this product is added with a variety of micronutrients, and it shall pay attention to the dosage while taking with other similar products at the same time".

\_\_\_\_\_**END**\_\_\_\_\_

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Contact: Wayne Zheng, [Sales@ChineseStandard.net](mailto:Sales@ChineseStandard.net)

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