



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 13102-2022

National food safety standard - Enriched dairy products

Issued on: June 30, 2022

Implemented on: December 30, 2022

Issued by: NHC; SAMR

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Foreword

This Standard replaces GB 13102-2010, National food safety standard - Evaporated milk, sweetened condensed milk and formulated condensed milk.

Compared with GB 13102-2010, the major changes of this Standard are as follows.

- Modify the standard name;
- Modify the scope;
- Modify terms and definitions;
- Modify sensory requirements;
- Modify physical and chemical indicators;
- Modify microbial limits;
- Refer to the provisions of GB 29921 for limit of pathogen directly;
- Add corresponding indicators and requirements for concentrated milk for food industry.

National food safety standard - Enriched dairy products

1 Scope

This Standard applies to condensed milk and concentrated milk for food industry.

2.1 Condensed milk

Products made from raw cow (goat) milk by concentrating and removing part of the moisture, and/or products of the same ingredients and properties processed from dairy products, including evaporated milk, sweetened condensed milk, and formulated

condensed milk.

2.1.1 Evaporated milk

Liquid products -- in the state of commercial sterility -- processed from raw cow (goat) milk and/or its products, with or without skim, with or without food additives and nutritional fortification substances.

2.2 Concentrated milk for food industry

Products used as raw materials for the food industry, with only raw cow (goat) milk as raw material, with or without skim, with only part of the moisture removed through concentration and other processes, including concentrated cow milk and concentrated goat milk.

3.2 Sensory requirements

Sensory requirements shall be in accordance with Table 1.

3.3.1 Evaporated milk and sweetened condensed milk shall meet the requirements in

Table 2.

3.5.1 Evaporated milk and formulated evaporated milk shall meet the requirements of

commercial sterility, and shall be inspected according to the method specified in GB 4789.26.

3.5.3 For the concentrated milk for food industry without heat treatment during processing, the microbial limit shall comply with the provisions of GB 19301.

4.1 Condensed milk shall be marked with "This product cannot be used as a breast milk

substitute for infants and young children" or similar warnings.

4.2 Concentrated milk for food industry shall be stored and transported in a refrigerated

or frozen state.

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