

ICS 67.100.10
CCS X 10



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

GB/T 5410-2008

Replacing GB 5410-1999

Milk powder

乳粉(奶粉)

(English Translation)

Issued on: January 7, 2008

Implemented on: December 1, 2008

Issued by: Standardization Administration of China

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
4 Products

Foreword

The standard of whole milk powder, partly skimmed milk, skim milk powder fat, moisture and protein index and CODEXSTAN207-1999 Indicators "Milk powder and cream powder" provides consistent.

This standard replaces GB 5410-1999 "whole milk powder, skimmed milk powder, sweetened whole milk powder and flavored milk powder." this standard compared with GB 5410-1999 The main changes are as follows.

- Standard name changed. milk (powdered milk);
- Adjust the scope of this standard;
- Chapter 3. Terms and definitions replaced by "milk solids", "non-fat milk solids";
- Increased product classification;
- Canceled 4.1 GB 5410-1999 "raw material requirements";
- Canceled 4.2 GB 5410-1999 "organoleptic properties";
- Canceled GB 5410-1999 4.3.1 "net contents";
- Increased milk flavored milk solids not less than 70% of technical requirements;
- Fat index GB 5410-1999 in skim milk powder is not more than 2.0 percent to less than 1.5%;
- 4.3.2 removes the requirement for flavored milk powder fat indexes of GB 5410-1999;
- The GB 5410-1999 4.4 The health indicators to "lead, inorganic arsenic, nitrite, aflatoxin M1, the total colony the number of coliform bacteria, pathogens shall comply with the provisions of GB 19644 ";
- Canceled 6.2 GB 5410-1999 "packaging", 6.3 "Transport", 6.4 "storage." the standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee on Food industry.

This standard is responsible for drafting the National Dairy Standardization Center, Shijiazhuang Sanlu Group Co., Ltd., Inner Mongolia Yili Industrial Group Co.

Ltd., Nestle (China) Co., Ltd., the ancient city of Shanxi Dairy Group Co., Ltd., Guangdong Ashley Group Co., Ltd., Heilongjiang Dan Long milk Technology Co., Ltd., Xi'an Yinqiao biotechnology limited liability company, Qingdao Sheng Yuan Dairy Co., Ltd. participated in the drafting.

1 Scope

This standard specifies the requirements for all kinds of milk powder technical requirements, test methods and labels.

This standard applies to consumers for direct consumption of all kinds of milk powder production, testing and marketing.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 2760 Hygienic standards for uses of food additives Determination of GB/T 5413.1 infant formula and milk protein GB/T 5413.3 infant formula and milk powder - Determination of fat GB/T 5413.5 infant formula and milk powder, lactose, sucrose and total sugar measurement GB/T 5413.7 infant formula and milk powder - Determination of ash Determination of GB/T 5413.8 infant formula milk powder and water GB/T 5413.28 Determination of milk titratable acidity Determination of GB/T 5413.29 infant formula and milk powder solubility Determination of GB/T 5413.30 Milk and milk impurities degrees GB 7718 pre-packaged food labels General GB 14880 Fortified Food hygiene standards GB 19644 standard milk hygiene

3 Terms and Definitions

The following terms and definitions apply to this standard.

Milk dry matter.

NOTE: milk dry matter comprises milk protein, milk fat, lactose and mineral salts.

Milk solids in milk fat deducted from the remaining material.

4 Products

4.1

whole milk (whole milk). only milk as raw material, with or without food additives, food nutrition fortifier, concentrated and drying Into a powdered product.

4.2

partly skimmed milk powder (partly skimmed milk). only milk as raw material, with or without food additives, food and nutrition supplements, take off Part fat, concentrated, dried powdery product made.

4.3

skim milk powder (skimmed milk powder). only milk as raw material, with or without food additives, food and nutrition supplements, fat off, concentrated by Shrink, dry powder product made.