



GB 19644-2024

National Food Safety Standard

Milk Powder and Formulated Milk Powder

食品安全国家标准 乳粉和调制乳粉

National Health Commission of the People's
Republic of China
State Administration for Market Regulation

Release Date: Feb. 08, 2024
Implementation Date: Feb. 08, 2025

Translated by ChemLinked

Disclaimer

This is an unofficial document provided by **ChemLinked** (chemlinked.com), a platform of REACH24H Consulting Group, as an informational service to assist non-Chinese companies to better understand the Asia Pacific regulatory environment and importation compliance requirements especially China Chemical, Cosmetic, Food and Agrochemical regulatory issues.

This document should only be used as a reference and in case of any discrepancy between the English and Chinese versions the original Chinese version shall prevail.

Nondisclosure:

You may not disclose this document to anyone else without the written permission of ChemLinked.

For further clarification and questions, you can read our [Privacy Policies](#) or contact us at food@chemlinked.com



National Standard of the People's Republic of China

GB 19644-2024
In Replacement of GB 19644-2010

National Food Safety Standard Milk Powder and Formulated Milk Powder

食品安全国家标准

乳粉和调制乳粉

Date of publication: 2024-02-08

Date of implementation: 2025-02-08

Issued by:

National Health Commission of the People's Republic of China
State Administration for Market Regulation

ChemLinked Team, REACH24H Consulting Group

Website: <http://www.chemlinked.com> | Email: contact@chemlinked.com

Tel: +353 1 8899 951 / +86 (0)571 8609 4444

Foreword

This standard replaces GB 19644-2010 “National Food Safety Standard Milk Powder”.

Compared with GB 19644-2010, the main changes of this standard are as follows.

- The standard name has been modified;
- The normative reference documents have been deleted;
- The terms and definitions have been modified;
- The sensory requirements have been modified;
- The the physical and chemical indicators have been modified;
- The microbial limits have been modified;
- Added technical requirements for yak milk powder, camel milk powder, donkey milk powder and horse milk powder, etc.

National Food Safety Standard

Milk Powder and Formulated Milk Powder

1. Scope

This standard applies to milk powder (full fat, skimmed, partially skimmed) and formulated milk powder.

2. Terms and definitions

2.1 Milk powder

A powdered product made from a single variety of raw milk.

2.2 Formulated milk powder

A powdered product made from a single variety of raw milk and (or) its whole milk (or skimmed and partially skimmed) processed products as the main raw material, with the addition of one or more other raw materials (excluding other varieties of whole milk, skimmed and partially skimmed milk), food additives, and nutritional fortifiers, in which the milk solid content from the main raw material is not less than 70%.

3. Technical Requirements

3.1 Raw material requirements

3.1.1 Raw milk should comply with the requirements of GB 19301.

3.1.2 Other raw materials should comply with relevant food standards and regulations.

3.2 Sensory requirements

Sensory requirements shall comply with the requirements of Table 1.

Table 1 Sensory requirements

Item	Requirement		Testing method
	Milk powder	Formulated milk powder	
Color	Uniform milky white or creamy yellow color	Has the proper color	Take an appropriate amount of sample and place it in a dry, clean white dish (porcelain dish or similar container) and

ChemLinked Team, REACH24H Consulting Group

Website: <http://www.chemlinked.com> | Email: contact@chemlinked.com

Tel: +353 1 8899 951/+86 (0)571 8609 4444



Free



Free trial



Standard



Corporate



Special

SUBSCRIBE TO CHEMLINKED NOW

REMOVE FOOD REGULATORY BARRIERS EXPEDITE GLOBAL MARKET ACCESS

- In-time regulatory information and market access requirements
- Supported by local and experienced technically adept technical team
- Strategic partnerships with competent authorities and industrial associations worldwide
- Customized consulting service for complete compliance solutions.

OUR SERVICES



Information & Knowledge

News, Reports, Expert Analysis
Pedia-articles



Databases

Regulatory Database, English Translations
Inventories/Lists



Solutions

Regulatory Compliance Service, On-demand
Translation, Advertisement Service, Tailor-made
Service, E-commerce Solution



Training

Webinars, Online Course
Offline Events