



*GB 19301-2010*

# **National Food Safety Standard Raw Milk**

食品安全国家标准 生乳

Ministry of Health of the People's Republic China

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*Translated by ChemLinked*

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## National Standard of the People's Republic of China

GB 19301-2010

### National Food Safety Standard

#### Raw Milk

#### 食品安全国家标准

#### 生乳

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## Preface

This standard replaces GB 19301-2003 (Hygienic Standard for Raw Milk) and No.1 modification list.

Compared with GB 19301-2003, the major changes of this standard are as follows:

- The name of this standard has been changed to "Raw Milk"
- Add the section of "terms and definition"
- Contamination requirement is quoted from GB 2762 directly
- Mycotoxins requirement is quoted from GB 2761 directly
- Pests residues requirement is quoted from GB 2763, related state regulations and announcements.
- Microbiological indexes are revised.

This standard replaces its previous versions, which are:

- GBn 33-1977, GB 19301-2003

## National Food Safety Standard

### Raw Milk

#### 1 Scope

This standard applies to raw milk, but not to raw milk for ready to eat.

#### 2 Normative Reference

The following normative documents are absolutely essential for the application of this standard. For dated references, only the dated edition of the normative document is applicable to this standard. For undated references, only the latest edition (including all the modification lists) is applicable.

#### 3 Terms and Definition

##### 3.1 Raw milk

Raw milk refers to the normal mammary secretion from healthy milking animals, which comply with related state regulations, and nothing has changed in the secretion. Following milk should be excluded from raw milk: colostrum within the first 7 days after giving birth, milk from animals undergoing treatment of veterinary drugs and withdrawal period, spoiled milk.

#### 4 Technical Requirement

##### 4.1 Sensory requirement

Sensory requirement is specified in Table 1 as below.

**Table 1 Sensory requirement**

| Item            | Requirement                            | Test method                                                                                                                                                            |
|-----------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color           | Ivory white or pale yellow             | Place moderate test sample into a 50ml beaker, and observe the color, structural states under natural light. Smell the odor. After gargling with warm water, taste it. |
| Taste and aroma | Natural milk aroma, no abnormal flavor |                                                                                                                                                                        |



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