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**GB**

NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA

**GB 31639-2023**

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**National food safety standard - Strain preparations for food  
processing**

食品安全国家标准 食品加工用菌种制剂

**Issued on: September 6, 2023**

**Implemented on: September 6, 2024**

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**Issued by: National Health Commission of the People's Republic of China;  
State Administration for Market Regulation.**

## Table of Contents

|                                |   |
|--------------------------------|---|
| Foreword.....                  | 3 |
| 1 Scope.....                   | 4 |
| 2 Terms and definitions.....   | 4 |
| 3 Technical requirements ..... | 4 |
| 4 Labels.....                  | 5 |

# National food safety standard - Strain preparations for food processing

## 1 Scope

This standard applies to strain preparations for food processing, including strain preparations used for food fermentation or added as raw materials to food. It is not applicable to directly edible products and distiller's yeast, red yeast rice, etc. produced by solid-state fermentation technology.

## 2 Terms and definitions

### 2.1 Strain preparations for food processing

Food raw material preparations produced from one or more live microorganisms (including bacteria, filamentous fungi, yeast) that can be used in food, through fermentation, enrichment, emulsification or non-emulsification, drying or not drying, mixing or not mixing, packaging and other processes.

## 3 Technical requirements

### 3.1 Raw material requirements

#### 3.1.1 Strains

It shall comply with the regulations, announcements, and relevant provisions issued by the health administrative department of the State Council.

#### 3.1.2 Other raw materials

The raw materials added during the fermentation and preparation process of strains shall comply with corresponding standards and relevant regulations.

### 3.2 Sensory requirements

Sensory requirements shall comply with Table 1.

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