



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

GB 11674-2010

**National food safety standard -- Whey powder and whey protein
powder**

(English Translation)

Issued on: March 26, 2010

Implemented on: December 1, 2010

Issued by: Ministry of Health of the People's Republic of China

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Foreword

This Standard corresponds to standard Codex Stan 289-1995 (Revision 2003, Amendment 2006)" Standard for Whey Powders" issued by International Codex Alimentarius Commission

(CAC). The consistent degree between this Standard and Codex Stan 289-1995 (Revision 2003,

Amendment 2006) is not equivalent.

This Standard replaces GB 11674-2005 "Hygienic Standard of Whey Powders".

Compared with GB 11674-2005, the main changes of this Standard are as follows.

- The standard name was changed to "Whey Powder and Whey Protein Powder";
- The description of "Scope" was modified;
- "Terms and Definitions" was defined;
- The product category in "Physical and Chemical Indices" was changed to demineralized whey powder, non-demineralized whey powder and whey protein powder;
- The lactose index was added;
- The fat index was deleted;
- The acidity (measured by lactic acid) index was deleted;
- The iron (Fe) index was deleted;
- "Pollutant limit" directly quotes the provisions specified in GB 2762;
- "Mycotoxin limit" directly quotes the provisions specified in GB 2761;
- The "veterinary drug residues" index was deleted;

- The expression method of "microorganism index" was modified;
- The requirements on nutritional supplements were added.

The previous editions replaced by this Standard are.

- GB 11674-1989, and GB 11674-2005.

National Food Safety Standard

Whey Powder and Whey Protein Powder

1 Scope

This Standard is applicable to products such as demineralized whey powder, non-demineralized

whey powder, condensed whey protein powder, and separated whey protein powder.

2 Normative References

The documents quoted in this Standard are indispensable for the application of this Standard.

For dated references, only the dated edition is applicable to this document. For undated references, the latest editions of the normative documents (including all amendments) are applicable to this document.

3.1 Whey

It refers to the liquid that is obtained by separating the clotted milk, with raw milk as the raw material, when producing cheese, casein and other similar products by adopting methods such

as rennin, acidation or membrane filtration.

3.2 Whey powder

It refers to the powder products that are produced by drying the raw material (whey).

3.3 Whey Protein powder

It refers to the powder products of which the protein content is not less than 25 %, with whey as

the raw material, produced by adopting techniques such as separation, concentration, and drying.

4.7.1 The quality of food additives and nutritional supplements shall comply with the

corresponding safety standards and the relevant provisions.

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