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

中华人民共和国国家标准

GB 15203-2003

Replace GB 15203-1994

Hygienic standard for corn sweetener

淀粉糖卫生标准

Issued on September 24, 2003

Implemented on May 01, 2004

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

Standardization Administration of the People's Republic of China

Foreword

The full text of this Standard is mandatory.

The Standard corresponds to the Standard Codex Stan 212-1999 *Sugar* of Codex Alimentarius Commission (CAC). The Standard is non-equivalent with the degree of consistency of Codex Stan 212-1999.

The Standard substitutes GB 15203-1994 *Hygienic Standard for Corn Sweetener*

Compared with GB 15203—1994, this Standard is modified as follow:

- Modified the standard text format according to GB/T1.1—2000;
- Modified the structure of the original standard, added the hygiene requirements for food additives and production processing process, as well as packaging, designation, storage and transport requirements;
- Referring to Codex Stan 212-1999 *Sugar*, modified the arsenic indicator from $\leq 0.5\text{mg/kg}$ to $\leq 1.0\text{mg/kg}$, and added copper $\leq 5.0\text{mg/kg}$;
- Referring to QB/T 2319 *Liquid Glucose* and QB/T 2347 *Maltose Syrup*, modified the content of the scope.

GB/T 15203-1994 will be abolished simultaneously from the date of implementation of the Standard.

The Standard is proposed and under the jurisdiction of Ministry of Health of the People's Republic of China.

Unit drafted the Standard: Suzhou Sanitation and Epidemic Prevention Station, the Hygiene Supervision of Liaoning, Beijing Centers for Diseases Control and Prevention & Centers for Preventive Medical Research, the Public Hygiene Supervision Institute of Tianjin Health Bureau.

Main drafters of this standard: Ding Denglu, Wei Yiqi, Wang Xutai, Zhang Zheng, Liang Jin, Ding Xiuying, Cui Chunming.

The issuances of previous versions of the standard replaced by this standard are as follows:

- GBn 240—1984, GB 15203—1994.

Hygienic standard for corn sweetener

1 Scope

The Standard specifies the index requirements of corn sweetener, the hygiene requirements of food additives and the production processing process, as well as packaging, designation, storage, transport requirements and inspection methods.

The Standard applies to starch or starch-containing raw materials, liquid corn sweetener made from enzymatic or acid hydrolysis method and powdered (and crystalline) corn sweetener.

2 Normative references

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB 2760 Hygienic standards for uses of food additives

GB/T 4789.24 Microbiological examination of food hygiene-Examination of candy, cake and preserved fruit

GB/T 5009.13 Determination of copper in foods

GB/T 5009.55 Method for analysis of hygienic standard of sugars

GB 14881 General hygienic regulation for food enterprises

QB/T 2319 Liquid Glucose

3 Indicator requirements

3.1 Raw material requirements

It shall meet the relevant standard and provision.

3.2 Sensory requirements

Transparent viscous liquid, which has the normal flavor and color of corn sweetener, and has no odor, no impurities and no mildew scum

3.3 Physicochemical indicators

Physicochemical indicators shall comply with the provisions indicated in Table 1.