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

GB/T 22303-2024

Replacing GB/T 22303-2008

Celery seed

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1. Structure and drafting rules for standardization documents"

Drafting is required.

This document replaces GB/T 22303-2008 Celery Seed. Compared with GB/T 22303-2008, except for structural adjustments and editorial changes,

In addition to the dynamic, the main technical changes are as follows.

Added the inspection methods for "smell, taste" and "mildew, insect pests" (see 5.1 and 5.2); a)

Changed the requirements for "Grading of Celery Seeds" and added criteria for determining when foreign matter content and physical and chemical index results correspond to different grades.

Then (see 5.3, 4.2 of the.2008 edition);

b)

The test methods of physical and chemical indicators have been changed, and the units of water content have been changed (see Table 2, Table 2 of the.2008 edition); c)

Change "test method" to "sample preparation" and delete the measurement requirements (see Chapter 7, Chapter 6 of the.2008 edition); d)

Changed the "Packaging" requirement and deleted "Packaging should comply with the relevant environmental protection laws and regulations of various countries" (see 8.1., 2008

edition)

7.1);

e)

The requirements for "marking" have been changed, and the markings for "place of origin" and "standard number of the product" have been added (see 8.2, 2008 edition).

7.2);

f)

The requirements for "Storage and Transportation" have been modified (see 8.3, 7.3 and 7.4 of the 2008 edition). g)

This document modifies ISO 6574.1986 Specification for Celery Seed.

This document has the following structural adjustments compared to ISO 6574.1986.

A new chapter "Terms and Definitions" has been added, and the numbers of the subsequent chapters have been postponed accordingly; -

5.3 and 5.4 correspond to 4.4 and 4.3 in ISO 6574.1986 respectively; -

Chapter 8 corresponds to Chapter 7 and Appendix A of ISO 6574.1986, and 8.1 and 8.2 correspond to 7.1 and 7.2 of ISO 6574.1986.

7.2, 8.3 correspond to Appendix A of ISO 6574.1986.

The technical differences between this document and ISO 6574.1986 and their reasons are as follows.

Changed the requirements for "Grading of Celery Seeds" and added criteria for determining when foreign matter content and physical and chemical index results correspond to different grades.

(see 5.3) to eliminate possible disputes in the grading process of celery seeds;

The normative reference GB/T 12729.5 replaced ISO 927.1982 (see Table 1) to adapt to my country's technical conditions and increase

Operability;

ISO 939.1980 was replaced by the normative reference GB 5009.3, and ISO 928 was replaced by the normative reference GB 5009.4.

1997 and ISO 930.1997, replaced ISO 6571.1984 with the normative reference GB/T 30385, changed the moisture

Units (see Table 2) to be consistent with the result units of the test method;

The normative reference GB/T 12729.2 replaced ISO 948.1980 (see Chapter 6) to adapt to my country's technical conditions and increase

Increase operability;

The normative reference GB/T 12729.3 replaced ISO 2825.1981, deleted the determination requirements, and changed the "test method" to

Changed to "Sample Preparation" (see Chapter 7) to be consistent with the content of this chapter;

The "marking" requirement has been changed to include the "place of origin" and delete the "country of production" (see 8.2) to meet the following requirements.

The actual need for full product labeling;

The requirements for "Storage and Transportation" have been changed, and some recommended clauses have been changed to requirement clauses (see 8.3) to meet the requirements for celery.

The actual needs of seed storage and transportation.

The following editorial changes have been made to this document.

To coordinate with the existing standards, the name of the standard is changed to Celery Seeds; -

Changed the wording of "scope";-

Change Chapter 4 "Requirements" in ISO 6574.1986 to "Quality Requirements"; -

Change Chapter 7 "Packaging and marking" in ISO 6574.1986 to "Packaging, marking, storage and transport". -

1 Scope

This document describes the characteristics of celery seed (*Apium graveolens* Linnaeus) used as a spice, specifies the quality, sampling method,

Method, sample preparation and packaging, labeling, storage and transportation requirements.

This document applies to the quality assessment and trade of celery seeds used as spices.

This document does not apply to the quality assessment and trade of celery seeds for agricultural use.

2 Normative references

The contents of the following documents constitute the essential clauses of this document

through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies.

in this document.

GB 5009.3 National Food Safety Standard Determination of Water Content in Food

GB 5009.4 National food safety standard Determination of ash content in foods

GB/T 12729.2 Sampling methods for spices and condiments

GB/T 12729.3 Preparation of powder samples for analysis of spices and condiments (GB/T 12729.3-2020, ISO 2825.

1981, MOD)

GB/T 12729.5 Determination of foreign matter content in spices and condiments (GB/T 12729.5-2020, ISO 927.1982,

MOD)

GB/T 30385 Spices and condiments - Determination of volatile oil content (GB/T 30385-2013, ISO 6571.2008,

IDT

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Feature Description

Celery seeds are the dried, mature fruits of the plant *Apium graveolens* L. They are light brown to grayish brown in color, oval or hemispherical in shape, and long.

1 mm to 1.5 mm, 0.5 mm to 1.0 mm wide, with several raised light-colored stripes along the longitudinal axis.

5.1 Taste and smell

Take an appropriate amount of sample and place it in a clean container, smell it, rinse your mouth with warm water, and taste it. The celery seeds should have the unique flavor of this variety.

Fresh smell and taste, slightly bitter. No musty or other foreign smells.