

ICS 67.220.10
CCS X 66



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

GB/T 32730-2016

Mustard seed

芥末籽

(English Translation)

Issued on: June 14, 2016

Implemented on: January 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

Table of Contents

- Foreword
- 1 Scope
- 2 Normative reference documents
- 3 Request
 - 3.1 Description
 - 3.2 Odor, taste
 - 3.3 No mildew, no insects
 - 3.4 Foreign objects, deflated and damaged seeds

Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 1237. 1981 "mustard seed specification".

And the normative reference in this standard international documents are consistent with the relationship between China's documents are as follows.

Methods for sampling spices and condiments (ISO 948. 1980, NEQ) GB/T 12729.2-2008.

GB/T 12729.3-2008 Preparation of powder samples for spices and condiments (ISO 2825. 1981, MOD) GB/T 12729.5-2008 Determination of the content of spices and condiments in foreign matter (ISO 927. 1982, NEQ) GB/T 12729.7-2008 Determination of total ash content of spices and condiments (ISO 928.:1997, NEQ) GB/T 12729.9-2008

Determination of insoluble ash content of spices and condiments (ISO 930.:1997, MOD) GB/T 12729.12-2008 Determination of nonvolatile ether extract of spices and condiments (ISO 1108.:1992, NEQ) this standard has made the following editorial changes.

--- In line with the name of our mustard seed product, change the standard name to "mustard seed".

This standard is proposed by the All-China Federation of Supply and Marketing Cooperatives.

This standard is nationalized by the National Standardization Technical Committee for Spice (SAC/TC408).

The drafting of this standard. Nanjing Wild Plant Comprehensive Utilization Research Institute, Chenguang Biotechnology Group Co., Ltd.

The drafters of this standard. Zhang Weiming, Li Fengfei, Qi Lijun, Chen Shirong.

Mustard seed

1 Scope

This standard specifies the quality indicators for mustard seeds.

This standard applies to the quality assessment of mustard seeds and their trade.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

ISO 927 Determination of spices and spices of exotic contents
(Spices and condiments-Determination of extra-neous matter content) ISO 928 Determination of total ash content of spices and condiments
(Spices and condiments-Determination of total ash) ISO 930 Determination of insoluble ash in spices and condiments (Spices and condiments-Determination of acid-insoluble ash) ISO 948 spices and spices sampling method (Spices and condiments-Sampling) ISO 1108 Spices and condiments Non-volatile ether extract
(Spices and condiments-Determination of non-volatile ether extract) ISO 2825 Preparation of powder samples for spices and condiments (Spices and condiments-Preparation of a ground sample for analysis)

3.1 Description

Mustard seeds consist of dry, clean seeds of one or more of the following plants.

- *Sinapis alba* L. Mustard Seed, Mustard Seed;
- *Brassica nigra* (L.) WDJ Koch Mustard Seed;
- *Brassica juncea* (L.) Czernajew and Cosson in Czernajew Indian Mustard Seed.

3.2 Odor, taste

After the seeds are ground and moistened with water, they should have a fresh, irritating odor and are not moldy or corrupt.

3.3 No mildew, no insects

Mustard seeds must not contain live insects, mites and mildew, no dead insects, insect fragments and visible rodent residue; if necessary to, can be observed with a magnifying glass, if the magnification of more than 10 times, should be explained in the inspection

report.

3.4 Foreign objects, deflated and damaged seeds

Mustard seed should be intact and mature, according to ISO 927 determination, foreign and other plant material content of not more than 0.7%;

Including *Sinapisarvensis* L., *Brassicanapus* L., and *Rhizoctonia*. Deflated and damaged mustard seed