
International Standard 6465

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Whole cumin (*Cuminum cyminum* Linnaeus) — Specification

Cumin entier (*Cuminum cyminum* Linnaeus) — *Spécifications*

First edition — 1984-06-01

UDC 664.59

Ref. No. ISO 6465-1984 (E)

Descriptors : agricultural products, seasonings, spices, cumin, specifications.

Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6465 was developed by Technical Committee ISO/TC 34, *Agricultural food products*, and was circulated to the member bodies in January 1983.

It has been approved by the member bodies of the following countries :

| | | |
|----------------|------------------------|-----------------------|
| Australia | Iran | South Africa, Rep. of |
| Austria | Korea, Dem. P. Rep. of | Sri Lanka |
| Canada | Korea, Rep. of | Turkey |
| Czechoslovakia | Malaysia | United Kingdom |
| France | Netherlands | USSR |
| Germany, F. R. | Peru | Venezuela |
| Hungary | Poland | Yugoslavia |
| India | Romania | |

The member body of the following country expressed disapproval of the document on technical grounds :

USA

Whole cumin (*Cuminum cyminum* Linnaeus) — Specification

1 Scope and field of application

This International Standard specifies requirements for whole fruits¹⁾ of *Cuminum cyminum* Linnaeus for wholesale purposes.

Recommendations relating to storage and transport conditions are given in the annex.

2 References

ISO 927, *Spices and condiments — Determination of extraneous matter content.*

ISO 928, *Spices and condiments — Determination of total ash.*

ISO 930, *Spices and condiments — Determination of acid-insoluble ash.*

ISO 939, *Spices and condiments — Determination of moisture content — Entrapment method.*

ISO 948, *Spices and condiments — Sampling.*

ISO 1108, *Spices and condiments — Determination of non-volatile ether extract.*

ISO 2825, *Spices and condiments — Preparation of a ground sample for analysis.*

ISO 6571, *Spices, condiments and herbs — Determination of volatile oil content.*²⁾

3 Requirements

3.1 Description

Whole cumin consists of the fruits of *Cuminum cyminum* Linnaeus, with two elongated mericarps which remain joined and the dimensions of which vary depending on the origin. Each mericarp, which is ochre-grey to light brown in colour, bears five thin pale primary ribs and four wider secondary ribs which are darker.

3.2 Odour and flavour

The flavour shall be characteristic, aromatic and not musty.

3.3 Freedom from insects, moulds, etc.

Whole cumin shall be free from living insects and moulds, and shall be practically free from dead insects, insect fragments and rodent contamination visible to the naked eye (corrected, if necessary, for abnormal vision), or with such magnification as may be necessary in any particular case. If the magnification exceeds X 10, this fact shall be stated in the test report.

3.4 Extraneous matter

For the purpose of this International Standard, extraneous matter is considered to be :

- a) all matter which does not constitute cumin fruits, in particular all other seeds;
- b) all other extraneous animal, vegetable and mineral matter.

The total extraneous matter content, when determined by the method specified in ISO 927, shall not exceed the value given in table 1 for each grade.

1) Although the term "seeds" is currently used in commerce, the term "fruits" is the correct botanical term.

2) At present at the stage of draft.