

International Standard



5561

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

Caraway, whole — Specification

Carvi entier — Spécifications

First edition — 1981-06-01

iTeh STANDARD PREVIEW
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ISO 5561:1981

<https://standards.iteh.ai/catalog/standards/sist/3d682b2a-5bea-49a1-9625-2b4aca7802f1/iso-5561-1981>

UDC 635.755

Ref. No. ISO 5561-1981 (E)

Descriptors : spices, caraway, chemical properties, specifications, packages, marking.

Price based on 2 pages

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 5561 was developed by Technical Committee ISO/TC 34, *Agricultural food products*, and was circulated to the member bodies in November 1978.

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

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France	South Africa, Rep. of	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Canada
USA

Caraway, whole — Specification

1 Scope and field of application

This International Standard specifies requirements for whole caraway (*Carum carvi* Linnaeus).

It does not apply to *Carum bulbocastanum*.

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 — Entrainment method*.

ISO 948, *Spices and condiments — Sampling*.

3 Requirements

3.1 Description

Whole caraway consists of the mericarps of the nearly mature fruits of *Carum carvi* Linnaeus. The mericarps are split from the fruits by threshing after drying. They are 4 to 6 mm long and falcate. Longitudinally, they bear five pale to dark yellow ribs, the surface between the ribs being brown.

3.2 Flavour

The flavour shall be characteristic, aromatic and not musty.

3.3 Freedom from moulds, insects etc.

Whole caraway 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), 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

The proportion of extraneous matter in whole caraway, including seeds of grass and other plants, determined in accordance with ISO 927, shall not exceed 1 % (m/m).

NOTE — A definition of extraneous matter will be added later.

3.5 Chemical requirements

Whole caraway shall comply with the requirements given in the table.

Table — Chemical requirements

Characteristic	Requirement	Method of test
Moisture content, % (m/m), max.	13	ISO 939
Total ash, % (m/m) (dry basis), max.	8	ISO 928
Acid-insoluble ash, % (m/m) (dry basis), max.	1,5	ISO 930
Volatile oils content, ml/100g (dry basis), min.	2,5	Method under consideration

4 Sampling

4.1 Sample the caraway in accordance with ISO 948.

4.2 When ground, the whole of the ground product shall pass through a sieve of aperture size 1 mm.

The material so ground shall be used for determining the characteristics mentioned in the table.

5 Methods of test

Samples shall be tested for conformity to the requirements of this International Standard by the methods of test referred to in the table.

6 Packing and marking

6.1 Packing

Whole caraway shall be packed in clean, sound and dry containers made of materials which do not affect the product and

protect it from moisture and from the loss of volatile matter (for example tin-plate containers, wooden cases with waterproof liners, or new jute bags with waterproof liners).

6.2 Marking

The following particulars shall be marked or labelled on each container :

- a) name of the material, and the trade name or brand name, if any;
- b) name and address of the manufacturer or packer;
- c) batch or code number;
- d) net mass;
- e) producing country;
- f) any other marking required by the purchaser, such as year of harvest and date of packing (if known).

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