
**Cloves, whole and ground (powdered) —
Specification**

Clous de girofle entiers et clous de girofle en poudre — Spécifications

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 2254 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 7, *Spices and condiments*.

This second edition cancels and replaces the first edition (ISO 2254:1980), of which it constitutes a minor revision.

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Cloves, whole and ground (powdered) — Specification

1 Scope

This International Standard specifies requirements for whole and ground (powdered) cloves [*Syzygium aromaticum* (L.) Merr. et L.M. Perry].

Recommendations relating to storage and transport are given in Annex A for information only.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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*

ISO 1208, *Spices and condiments — Determination of filth*

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

ISO 5498, *Agricultural food products — Determination of crude fibre content — General method*

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

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

whole clove

floral bud, harvested before blooming, and dried, of [*Syzygium aromaticum* (L.) Merr. et L.M. Perry].

NOTE It comprises a receptacle containing, in its upper part, two loculi containing numerous ovules, and crowned by four acute divergent sepals surrounding a dome-shaped head consisting of four paler unexpanded membranous imbricate petals enclosing numerous incurved stamens and a single stiff erect style.

cf. Figure 1.

3.2
headless clove

clove consisting of only the receptacle and sepals and which has lost the dome-shaped head

cf. Figure 2.

3.3
khoker clove

clove which has undergone fermentation as a result of incomplete drying, as evidenced by its pale brown colour, whitish mealy appearance and, often, wrinkled surface

3.4
mother clove

fruit of the clove tree (*Syzygium aromaticum*), which is in the form of an ovoid brown berry surmounted by four incurved sepals

cf. Figure 3.

3.5
clove stem

dry fragment of the stalk of the clove

cf. Figure 4.

3.6
ground (powdered) clove

powder obtained by grinding cloves without any addition

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Figure 1 — Whole clove

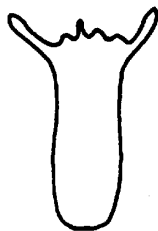


Figure 2 — Headless clove

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