

INTERNATIONAL STANDARD

ISO
3142

Second edition
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Oil of clove buds [*Syzygium aromaticum* (L.) Merr. et Perry, syn. *Eugenia* *caryophyllus* (Sprengel) Bullock et S. Harrison]

Huile essentielle de clous de giroflier [*Syzygium aromaticum* (L.) Merr. et Perry, syn. *Eugenia caryophyllus* (Sprengel) Bullock et S. Harrison]

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Reference number
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Foreword

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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.

International Standard ISO 3142 was prepared by Technical Committee ISO/TC 54, *Essential oils*.

This second edition cancels and replaces the first edition (ISO 3142:1974), which has been technically revised.

Annexes A et B of this International Standard are for information only.

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Oil of clove buds [*Syzygium aromaticum* (L.) Merr. et Perry, syn. *Eugenia caryophyllus* (Sprengel) Bullock et S. Harrison]

1 Scope

This International Standard specifies certain characteristics of the oil of clove buds [*Syzygium aromaticum* (L.) Merr. et Perry, syn. *Eugenia caryophyllus* (Sprengel) Bullock and S. Harrison], in order to facilitate assessment of its quality.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 210:—¹⁾, *Essential oils — General rules for packaging, conditioning and storage*.

ISO 211:—²⁾, *Essential oils — General rules for labelling and marking of containers*.

ISO 212:1973, *Essential oils — Sampling*.

ISO 279:1981, *Essential oils — Determination of relative density at 20 °C (Reference method)*.

ISO 280:1976, *Essential oils — Determination of refractive index*.

ISO 592:1981, *Essential oils — Determination of optical rotation*.

ISO 1272:1973, *Essential oils — Determination of phenols content*.

ISO 11024-1:—³⁾, *Essential oils — General guidance on chromatographic profiles — Part 1: Preparation of chromatographic profiles for presentation in standards*.

ISO 11024-2:—³⁾, *Essential oils — General guidance on chromatographic profiles — Part 2: Utilization of chromatographic profiles of a sample of essential oils*.

3 Definition

For the purposes of this International Standard, the following definition applies.

3.1 oil of clove buds: Essential oil obtained by steam distillation of the dried flower buds of clove [*Syzygium aromaticum* (L.) Merr. et Perry, syn. *Eugenia caryophyllus* (Sprengel) Bullock et S. Harrison], of the Myrtaceae family.

1) To be published. (Revision of ISO 210:1961)

2) To be published. (Revision of ISO 211:1961)

3) To be published.