
**Oil of nutmeg, Indonesian type (*Myristica
fragrans* Houtt.)**

*Huile essentielle de noix muscade, type Indonésie (Myristica fragrans
Houtt.)*

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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 3.

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 3215 was prepared by Technical Committee ISO/TC 54, *Essential oils*.

This second edition cancels and replaces the first edition (ISO 3215:1974), which has been technically revised.

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

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Oil of nutmeg, Indonesian type (*Myristica fragrans* Houtt.)

1 Scope

This International Standard specifies certain characteristics of the oil of nutmeg, Indonesian type (*Myristica fragrans* Houtt.), in order to facilitate assessment of its quality.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

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

ISO 211, *Essential oils — General rules for labelling and marking containers.*

ISO 212, *Essential oils — Sampling.*

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

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

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

ISO 875, *Essential oils — Evaluation of miscibility in ethanol.*

ISO 4715, *Essential oils — Quantitative evaluation of residue on evaporation.*

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

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

3 Term and definition

For the purposes of this International Standard, the following term and definition apply.

3.1

oil of nutmeg, Indonesian type

essential oil obtained by steam distillation of the dried and crushed nuts of *Myristica fragrans* Houtt. of the Myristicaceae family, cultivated primarily in the Indonesian archipelago

4 Requirements

4.1 Appearance

Clear mobile liquid.

4.2 Colour

Almost colourless to light yellow.

4.3 Odour

Spicy, sweet, aromatic, with characteristic nuances.

4.4 Relative density at 20 °C, d_{20}^{20}

Minimum: 0,885 0

Maximum: 0,907 0

4.5 Refractive index at 20 °C

Minimum: 1,475 0

Maximum: 1,485 0

4.6 Optical rotation at 20 °C

Between + 6° and + 18°.