
Oil of amyris (*Amyris balsamifera* L.)

Huile essentielle d'amyris (Amyris balsamifera L.)



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Foreword

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ISO 3525 was prepared by Technical Committee ISO/TC 54, *Essential oils*.

This second edition cancels and replaces the first edition (ISO 3525:1979), which has been technically revised.

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Oil of amyris (*Amyris balsamifera* L.)

1 Scope

This International Standard specifies certain characteristics of essential oil of amyris (*Amyris balsamifera* L.), with a view to facilitating the assessment of its quality.

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/TR 210, *Essential oils — General rules for packaging, conditioning and storage*

ISO/TR 211, *Essential oils — General rules for labelling and marking of 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 1242, *Essential oils — Determination of acid value*

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 Terms and definitions

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

3.1

essential oil of amyris

essential oil obtained by steam distillation of the wood of *Amyris balsamifera* L. of the Rutaceae family mainly distilled in Haiti

NOTE For information on the CAS number, see ISO/TR 21092^[2].

4 Requirements

4.1 Appearance

Clear, slightly viscous liquid.

4.2 Colour

Pale yellow to amber yellow.

4.3 Odour

Characteristic woody.

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

Minimum: 0,946.

Maximum: 0,978.

4.5 Refractive index at 20 °C

Minimum: 1,504.

Maximum: 1,512.

4.6 Optical rotation at 20 °C

Between +20° and +45°.