
**Essential oil of petitgrain, Paraguayan
type (*Citrus aurantium* L. var.
Paraguay (syn. *Citrus aurantium* var.
bigaradia Hook f.))**

*Huile essentielle de petitgrain, type Paraguay (Citrus aurantium L.
var. Paraguay (syn. Citrus aurantium var. bigaradia Hook f.))*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 54, *Essential oils*.

This third edition cancels and replaces the second edition (ISO 3064:2000), which has been technically revised.

Essential oil of petitgrain, Paraguayan type (*Citrus aurantium* L. var. Paraguay (syn. *Citrus aurantium* var. *bigaradia* Hook f.))

1 Scope

This International Standard specifies certain characteristics of the essential oil of petitgrain, Paraguayan type (*Citrus aurantium* L. var. Paraguay (syn. *Citrus aurantium* var. *bigaradia* Hook f.)), intended to facilitate the assessment of its quality.

2 Normative references

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

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

ISO/TS 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 (all parts), *Essential oils — General guidance on chromatographic profiles*

3 Terms and definitions

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

3.1

essential oil of petitgrain

essential oil obtained by steam distillation of only leaves and twigs of *Citrus aurantium* L. var. Paraguay (syn. *Citrus aurantium* var. *bigaradia* Hook f.), mainly cultivated in Paraguay, of the *Rutaceae* family

Note 1 to entry: For information on the CAS number, see ISO/TR 21092.[2]

4 Specifications

4.1 Appearance

Clear liquid.