
Essential oil of geranium
(*Pelargonium* × *ssp.*)

Huile essentielle de géranium (Pelargonium × ssp.)



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Foreword

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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 4731 was prepared by Technical Committee ISO/TC 54, *Essential oils*.

This third edition cancels and replaces the second edition (ISO 4731:2006), which has been technically revised.

Essential oil of geranium (*Pelargonium* × *spp.*)

1 Scope

This International Standard specifies certain characteristics of essential oil of geranium (*Pelargonium* × *spp.*) coming from different *Pelargonium* species commonly known as *Pelargonium graveolens*, in order to facilitate 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 (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 geranium

essential oil obtained by steam distillation of the fresh or slightly withered herbaceous parts of *Pelargonium* × *spp.* of the Geraniaceae family, which have given rise to differing ecotypes according to geographical regions

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

4 Requirements

4.1 Appearance

Clear, mobile liquid.

4.2 Colour

Various shades of amber yellow to greenish yellow.