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**Oil of lemon [*Citrus limon* (L.) Burm. f.],  
obtained by expression**

*Huile essentielle de citron [Citrus limon (L.) Burm. f.], obtenue par  
expression*



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## Foreword

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The main task of technical committees is to prepare International Standards. 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.

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

This second edition cancels and replaces the first edition (ISO 855:1981), which has been technically revised.

Together with the revised versions of ISO 3519 and ISO 8899, it will also cancel and replace ISO 7611:1985.

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# Oil of lemon [*Citrus limon* (L.) Burm. f.], obtained by expression

## 1 Scope

This International Standard specifies certain characteristics of the oil of lemon [*Citrus limon* (L.) Burm. f.], obtained by expression, 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 1271, *Essential oils — Determination of carbonyl value — Free hydroxylamine method*

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

ISO 4735, *Oils of Citrus — Determination of CD value by ultraviolet spectrometric analysis*

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

#### oil of lemon

essential oil obtained by expression, without the aid of heat and with or without previous separation of the pulp and the peel, from the fresh fruit of *Citrus limon* (L.) Burm. f., of the Rutaceae family, growing mainly in Argentina, Brazil, Cyprus, Italy, Ivory Coast, Spain, South Africa and United States.

NOTE For information on the CAS number, see ISO/TR 21092.