

Australian Standard™

**Oil of lavender (*Lavandula angustifolia*  
Mill.)**

This Australian Standard was prepared by Committee CH-021, Essential Oils. It was approved on behalf of the Council of Standards Australia on 12 March 2004 and published on 13 May 2004.

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The following are represented on Committee CH-021:

Australian Society of Cosmetic Chemists  
Australian Society of Perfumers and Flavourists  
Certification Bodies (Australia)  
Cosmetic Toiletry Fragrance Association of Australia  
Essential Oil Producers Association of Australia  
New South Wales Agriculture  
Royal Australian Chemical Institute  
Southern Cross University  
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**Oil of lavender (*Lavandula angustifolia*  
Mill.)**

Originated as AS K177—1967.  
Revised and redesignated as AS 2114—1977.  
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## PREFACE

This Standard was prepared by the Standards Australia Committee CH-021, Essential Oils, to supersede AS 2114—1977, *Oil of lavender, Australia*.

The objective of this Standard is to provide certain characteristics of the oils of spontaneous lavender (population lavender, France) and of clonal lavender (*Lavandula angustifolia* Mill.) from various origins, in order to facilitate assessment of its quality.

This Standard is identical with and has been reproduced from ISO 3515:2002, *Oil of lavender (Lavandula angustifolia* Mill.).

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text, ‘this International Standard’ should read ‘this Australian Standard.’
- (c) A full point substitutes for a comma when referring to a decimal marker.
- (d) Substitute ‘mL’ for ‘ml’ whenever it appears.
- (e) In Figures A.1, B.1, B.3 and B.5, identification of the following peaks should be reversed to read:
  - (i) 12 Camphor.
  - (ii) 13 Hexyl isobutyrate.
- (f) Figure B.3 Peak identification, peak 7 should read:  
1,8-cineole + limonene +  $\beta$ -phellandrene.

Reference to International Standards should be replaced by references to equivalent Australian Standards as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
212	Essential oils—Sampling	4550	Essential oils—Sampling
11024	Essential oils—General guidance on chromatographic profiles	5025	Essential oils—General guidance on chromatographic profiles
11024-1	Part 1: Preparation of chromatographic profiles for presentation in standards	5025.1	Part 1: Preparation of chromatographic profiles for presentation in Standards
11024-2	Part 2: Utilization of chromatographic profiles of samples of essential oils	5025.2	Part 2: Utilization of chromatographic profiles of samples of essential oils

With the exception of the above ISO documents, which have been adopted as Australian Standards, the ISO documents listed as normative references in Clause 2 have not been adopted as Australian Standards.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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NOTES

## AUSTRALIAN STANDARD

**Oil of lavender (*Lavandula angustifolia* Mill.)****1 Scope**

This International Standard specifies certain characteristics of the oils of spontaneous lavender (population lavender, France) and of clonal lavender (*Lavandula angustifolia* Mill.), from various origins, with a view to facilitate assessment of their 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/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 709, *Essential oils — Determination of ester value*

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 International Standard, the following terms and definitions apply.