

Australian Standard<sup>®</sup>

Oil of *Backhousia citriodora*, citral type  
(lemon myrtle oil)

STANDARDS  
Australia



This Australian Standard® was prepared by Committee CH-021, Essential Oils. It was approved on behalf of the Council of Standards Australia on 31 May 2011. This Standard was published on 13 July 2011.

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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**Oil of *Backhousia citriodora*, citral type  
(lemon myrtle oil)**

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## PREFACE

This Standard was prepared by the Standards Australia Committee CH-021, Essential Oils. The objective of this Standard is to specify certain characteristics of the oil of *Backhousia citriodora*, citral type (lemon myrtle oil), in order to facilitate assessment of its quality.

*This Standard incorporates Amendment No. 1 (November 2011). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

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

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## STANDARDS AUSTRALIA

## Australian Standard

Oil of *Backhousia citriodora*, citral type (lemon myrtle oil)**1 SCOPE**

This Standard specifies certain characteristics of the oil of *Backhousia citriodora*, citral type (lemon myrtle oil), in order to facilitate assessment of its quality.

**2 REFERENCED DOCUMENTS**

AS	
4550	Essential oils—Sampling
AS/NZS	
2106	Methods for the determination of the flash point of flammable liquids (closed cup) (series)
ISO	
TR 210	Essential oils—General rules for packaging, conditioning and storage
TR 211	Essential oils—General rules for labelling and marking of containers
279	Essential oils—Determination of relative density at 20°C (Reference method)
280	Essential oils—Determination of refractive index
356	Essential oils—Preparation of test samples
592	Essential oils—Determination of optical rotation
875	Essential oils—Evaluation of miscibility in ethanol
1271	Essential oils—Determination of carbonyl value—Free hydroxylamine method
TR 11018	Essential oils—General guidance on the determination of the flashpoint
11024	Essential oils—General guidance on chromatographic profiles
11024-1	Part 1: Preparation of chromatographic profiles for presentation in standards
11024-2	Part 2: Utilization of chromatographic profiles of samples of essential oils

**3 DEFINITION**

For the purpose of this Standard, the following definition applies.

**3.1 Oil of *Backhousia citriodora*, citral type (lemon myrtle oil)**

Essential oil obtained by steam distillation of the foliage and terminal branchlets of *Backhousia citriodora* F. Mueller.

**4 CHARACTERISTICS****4.1 General**

The characteristics of oil of *Backhousia citriodora* (citral type) are set out in Clause 4.2 and 4.9. The flashpoint value is dependent on the equipment used.

NOTE: See Appendix B for further information on flashpoint determination.