



Healing Body, Mind, and Spirit
with Pure Essential Oils Since 1995

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Certificate of Analysis: Lemon Myrtle Essential Oil, *Backhousia citriodora F. Muell.*, Australia.

Batch No: AU-BC-069

Date of Manufacture: 18 March 2014

Expiry Date: 18 March 2017

No.	COMPONENT	BATCH No.	AS 4941-2001
		BC-069	RANGE (%)
1	6-methyl-5-hepten-2-one*	0.4	trace - 2.9
2	2,3-dehydro-1,8-cineole*	0.2	trace - 0.9
3	myrcene	0.5	trace - 0.7
4	linalool	0.8	trace - 1.0
5	exo -isocitral	0.6	trace - 2.0
6	citronellal	0.2	trace - 1.0
7	cis -isocitral	2.7	trace - 2.7
8	trans -isocitral	4.0	trace - 4.3
9	neral	38.8	32.0 +
10	geranial	48.1	44.0 +
	CITRALTOTAL**	94.2	

* 6-methyl-5-hepten-2-one & 2,3-dehydro-1,8-cineole coelute on this column.

** CITRALTOTAL is sum of components 5 & 7 through 10.

METHOD: AREA NORMALISATION BASED ON ISO 7609:1985

Instrument: Varian 3700 Gas Chromatograph linked to Varian Star 5.31 Chromatography Workstation

Column: Hewlett Packard HP-5MS, 30 m x 0.25 mm x 0.25 µm

Carrier Gas: Hydrogen @ 100 kPa

Injection Port: Nominal Split 1:50 @ 2500C

Injector Temperature: 2500C

Detector: FID

Detector Temperature: 3000C

Temperature Program: 500C (hold 2 minutes), 50-3000C @ 40C/minute (hold 1 minute)

Integration: Area Normalisation % of Total FID Response

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