



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

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Certificate of Analysis: Lemon Ironbark Eucalyptus Essential Oil, *Eucalyptus staigeriana*, Australia.

Batch No: AU-ES-046

Date of Manufacture: 29 November 2014

Expiry Date: 29 November 2017

No.	COMPONENT	SAMPLE CODE: ES-046 ¹
1	alpha-thujene	1.1
2	alpha-pinene	5.2
3	sabinene	0.1
4	beta-pinene	5.4
5	myrcene	0.9
6	alpha-phellandrene	9.0
7	alpha-terpinene	0.7
8	para-cymene	3.9
9	beta-phellandrene/limonene	25.8
10	1,8-cineole	6.9
11	cis-beta-ocimene	0.3
12	trans-beta-ocimene	0.4
13	gamma-terpinene	2.1
14	terpinolene	11.7
15	linalool	1.0
16	terpinen-4-ol	3.0
17	alpha-terpineol	1.4
18	nerol	1.1
19	neral	6.7
20	geraniol	1.1
21	geranial	7.3
22	methyl geranate	3.7
23	neryl acetate	0.9
24	geranyl acetate	0.8

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, 30m * 0.25mm * 0.25µm

Carrier Gas: Hydrogen @ 100kPa

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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