



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

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**Certificate of Analysis:** Manuka Essential Oil, *Leptospermum scoparium*, wildcrafted, steam-distilled leaves, New Zealand.

Batch No: NZ-LS00218

Date: 7/3/2013

#### Main Components

RT	Component ID	Area %
13.07	alpha-pinene	0.61
16.63	beta-pinene	0.08
17.14	sabinene	0.01
18.98	beta-myrcene	0.18
21.20	limonene	0.05
21.72	1,8-cineole	0.14
23.79	gamma-terpinene	0.11
25.36	p-cymene	0.13
26.02	terpinolene	0.03
27.80	(Z)-3-hexenyl acetate	0.05
31.83	(Z)-hexen-3-en-1-ol	0.01
37.76	alpha-cubebene	3.36
39.66	alpha-ylangene	0.19
40.80	alpha-copaene	4.81
43.59	alpha-gurjunene	0.69
48.58	beta-elemene	0.71
49.58	beta-caryophyllene	2.10
50.54	aromadendrene	1.84
53.01	cadina-3,5-diene	5.01
55.32	7betaH,10betaH-cadina-1(6)4-diene	3.47
57.88	alpha-amorphene	1.15
58.72	ledene/viridiflorene	0.66
61.24-61.65	beta-selinene	6.23
61.97	alpha-selinene	1.86
62.48	bicyclogermacrene	0.20
63.58	E,E-alpha-farnesene	0.66
65.00	delta-cadinene	5.55
67.69	cadina-1,4-diene	4.85
73.13	cis-calamenene	13.95
87.60	caryophyllene oxide	0.37
88.50	flavesone	5.53
94.92-97.26	leptospermone	23.53
102.68	neointermedeol	0.11
111.60	cadalene	0.40

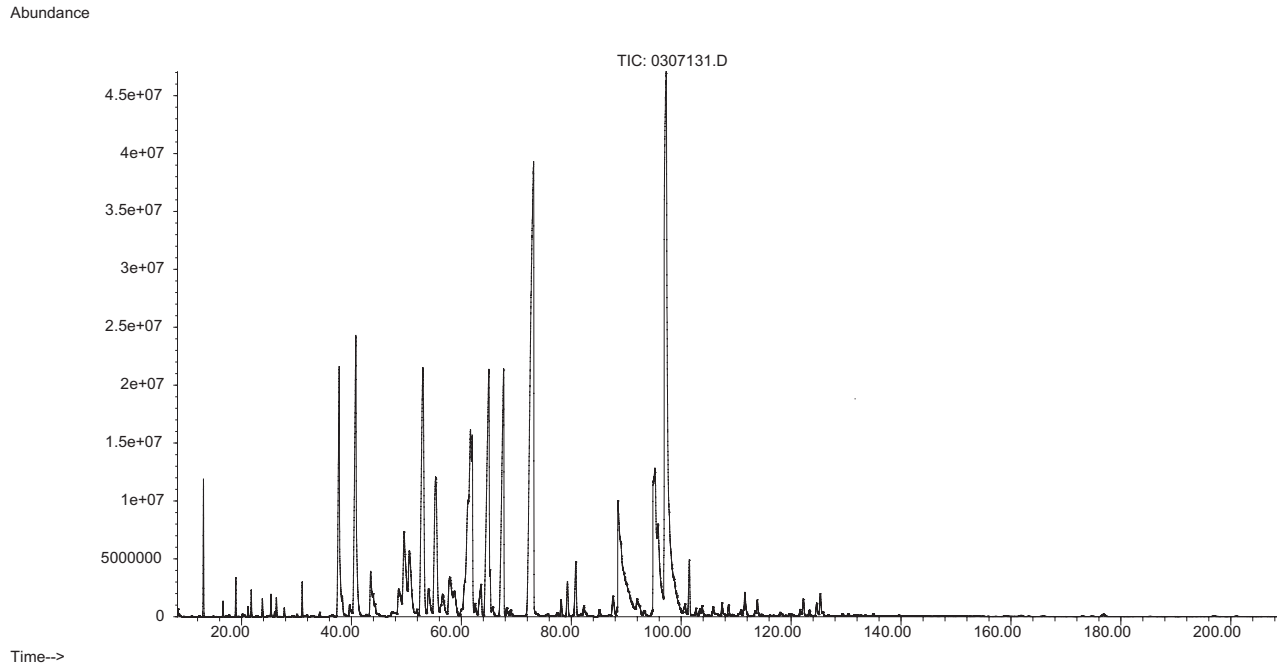
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The composition of the sample corresponds to that expected for the natural variation of essential oil of *Leptospermum scoparium*. No adulteration was detected. Odor quality is very good.

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