

Client



Source



Manuka (*Leptospermum scoparium*)
NZ-58842

Sample

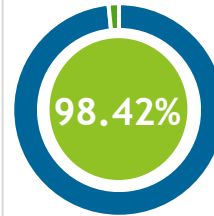
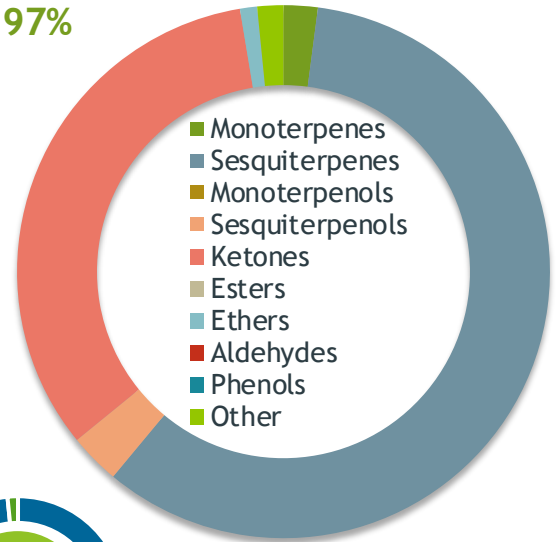
Manuka (*Leptospermum scoparium*)

Batch #:..... NZ-58842
Type:..... Essential Oil
CAS Number:... 223749-44-8

Nature's Gift

Sesquiterpenes

58.97%



Percentage Identified

Client



Primary

21.02% | Leptospermone
16.76% | trans-Calamenene
8.19% | cis-Muurola-3,5-diene

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine essential oil of Manuka (*Leptospermum scoparium*).

Internal Number: | EVS-2582



Essential Validation Services

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Adam Christen

Monoterpenes	2.07%
Sesquiterpenes	58.97%
Monoterpenols	0.00%
Sesquiterpenols	3.08%
Ketones	33.26%
Esters	0.00%
Ethers	1.04%
Aldehydes	0.00%
Phenols	0.00%
Other	1.58%

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Total Percentage		98.42%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	11.96	0.01%	alpha-Thujene	927.80	Monoterpene
2	12.20	1.92%	alpha-Pinene	936.10	Monoterpene
3	13.98	0.13%	beta-Pinene	974.00	Monoterpene
4	16.24	0.18%	1,8-Cineole	1031.80	Monoterpene Ether
5	17.68	0.01%	gamma-Terpinene	1054.00	Monoterpene
6	27.82	0.30%	delta-Elemene	1335.83	Sesquiterpene
7	28.27	4.10%	alpha-Cubebene	1355.71	Sesquiterpene
8	29.01	0.16%	alpha-Ylangene	1371.33	Sesquiterpene
9	29.19	4.41%	alpha-Copaene	1379.00	Sesquiterpene
10	29.66	1.24%	beta-Elemene	1389.20	Sesquiterpene
11	30.29	0.82%	alpha-Gurjunene	1412.00	Sesquiterpene
12	30.64	2.30%	beta-Caryophyllene	1427.14	Sesquiterpene
13	31.03	0.21%	beta-Gurjunene	1433.00	Sesquiterpene
14	31.25	1.41%	Aromadendrene	1449.80	Sesquiterpene
15	31.63	8.19%	cis-Muurolo-3,5-diene	1456.75	Sesquiterpene
16	31.73	0.41%	alpha-Humulene	1461.43	Sesquiterpene
17	31.95	0.59%	allo-Aromadendrene	1471.00	Sesquiterpene
18	32.31	4.01%	trans-Cadina-1,4-diene	1462.50	Sesquiterpene
19	32.49	0.18%	Germacrene D	1484.71	Sesquiterpene
20	32.77	3.09%	beta-Selinene	1487.57	Sesquiterpene
21	32.93	1.25%	Bicyclogermacrene	1490.71	Sesquiterpene
22	33.03	3.73%	alpha-Selinene	1492.50	Sesquiterpene
23	33.23	0.82%	(E,E)-alpha-Farnesene	1508.14	Sesquiterpene
24	33.55	0.47%	gamma-Cadinene	1515.29	Sesquiterpene
25	33.88	16.76%	trans-Calamenene	1529.50	Sesquiterpene
26	34.14	4.47%	gamma-Calacorene	1540.12	Sesquiterpene
27	34.38	6.26%	Flavesone	1558.40	Triketone
28	35.49	0.52%	Spathulenol	1587.00	Sesquiterpenol
29	35.68	0.86%	Caryophyllene oxide	1594.86	Sesquiterpene Ether
30	35.94	0.43%	Viridiflorol	1596.00	Sesquiterpenol
31	36.26	0.26%	Ledol	1623.00	Sesquiterpenol
32	36.60	5.98%	iso-Leptospermone	1610.20	Triketone
33	36.93	21.02%	Leptospermone	1602.00	Triketone
34	37.38	1.38%	Cubenol	1642.14	Sesquiterpenol
35	37.74	0.49%	11-Selinenol-4, alpha	1655.50	Sesquiterpenol

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