



Kunzea (Kunzea ambigua)

### Sample:



Client: | Nature's Gift  
 Sample: | Kunzea  
 Latin Name: | Kunzea ambigua  
 Batch #: | AU-58810  
 CAS Number: | 97553-36-1  
 Type: | Essential Oil

### Laboratory:



Essential Validation Services  
<https://essentialvalidationservices.com/>  
[adam@essentialvalidationservices.com](mailto:adam@essentialvalidationservices.com)  
 747 SW 2nd Ave, Suite 306 IMB 12  
 Gainesville, FL 32601  
 317-361-5044

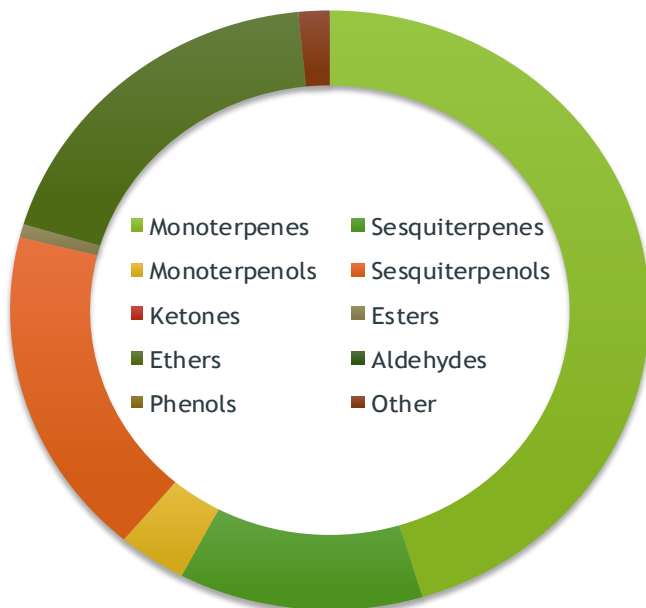
### Top 5 Compounds:

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

### Conclusion:



Compounds	%
alpha-Pinene	42.97%
1,8-Cineole	18.73%
Globulol	7.90%
Viridiflorol	7.24%
Viridiflorene	5.93%



Chemical Families	
Monoterpenes	Sesquiterpenes
45.32%	12.35%
Monoterpenols	Sesquiterpenols
3.47%	17.78%
Ketones	Esters
0.00%	0.71%
Ethers	Aldehydes
18.79%	0.00%
Phenols	Other
0.00%	1.58%

X *Adam Christensen*  
 Adam Christensen  
 CEO



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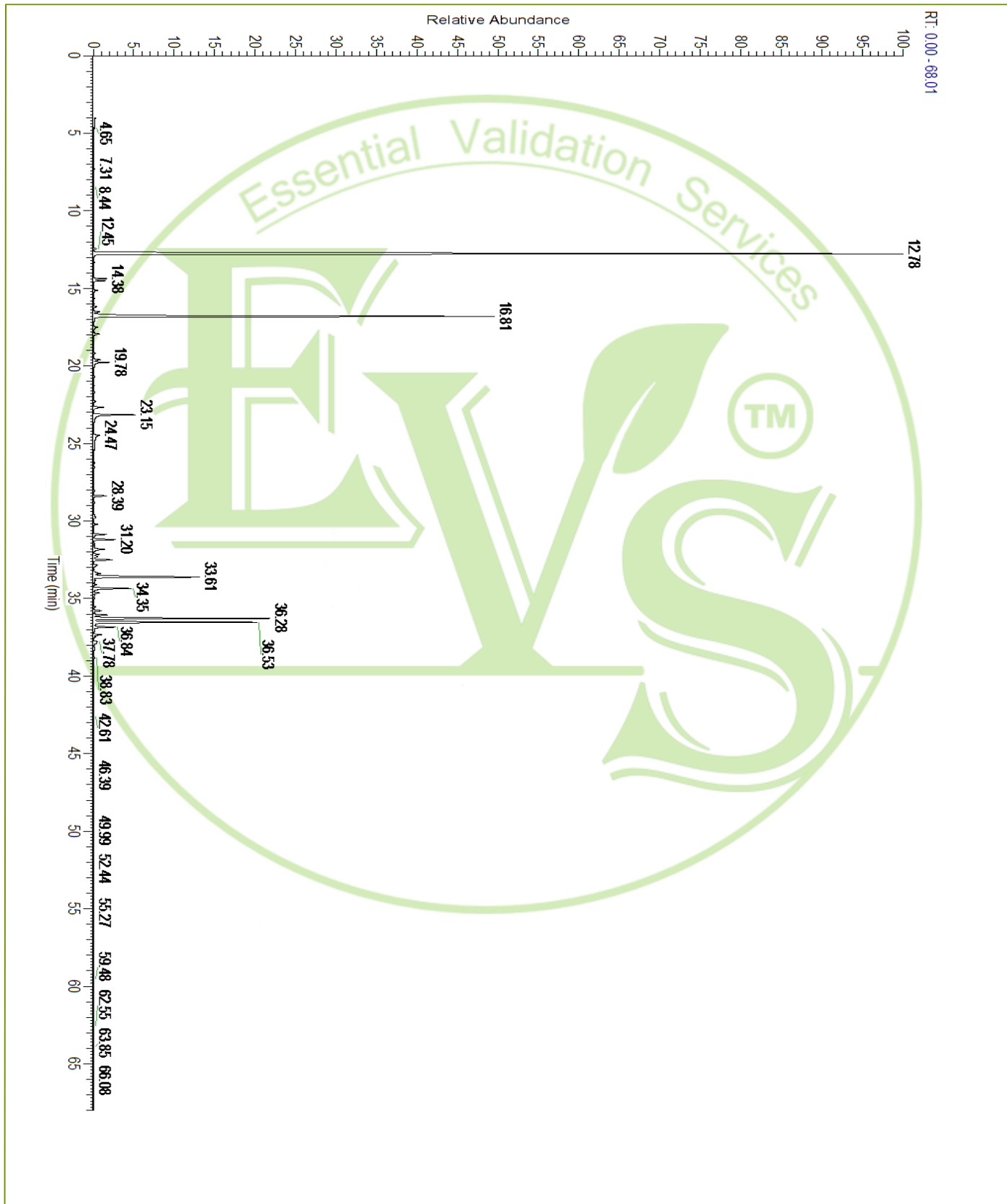
Total Percentage		98.42%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	12.45	0.14%	alpha-Thujene	927.80	Monoterpene
2	12.78	42.97%	alpha-Pinene	936.10	Monoterpene
3	14.38	0.49%	Sabinene	973.00	Monoterpene
4	14.51	0.49%	beta-Pinene	974.00	Monoterpene
5	15.12	0.21%	Myrcene	989.20	Monoterpene
6	15.67	0.04%	alpha-Phellandrene	1002.00	Monoterpene
7	16.02	0.02%	Isoamyl isobutyrate	1007.00	Aliphatic Ester
8	16.19	0.14%	alpha-Terpinene	1014.00	Monoterpene
9	16.52	0.26%	para-Cymene	1024.30	Monoterpene
10	16.81	18.73%	1,8-Cineole	1031.80	Monoterpene Ether
11	17.50	0.20%	(E)-beta-Ocimene	1047.70	Monoterpene
12	17.94	0.30%	gamma-Terpinene	1054.00	Monoterpene
13	19.17	0.08%	Terpinolene	1092.10	Monoterpene
14	19.60	0.33%	Linalool	1099.00	Monoterpenol
15	19.78	0.69%	Isoamyl isovalerate	1103.10	Aliphatic Ester
16	20.03	0.06%	cis-Rose oxide	1110.00	Monoterpene Ether
17	22.29	0.09%	delta-Terpineol	1166.00	Monoterpenol
18	22.66	0.52%	Terpinen-4-ol	1180.57	Monoterpenol
19	23.15	2.08%	alpha-Terpineol	1191.71	Monoterpenol
20	24.47	0.45%	Citronellol	1229.25	Monoterpenol
21	28.39	0.52%	delta-Elemene	1335.83	Sesquiterpene
22	28.80	0.06%	alpha-Cubebene	1355.71	Sesquiterpene
23	29.73	0.15%	alpha-Copaene	1379.00	Sesquiterpene
24	30.21	0.16%	beta-Elemene	1389.20	Sesquiterpene
25	30.86	0.53%	alpha-Gurjunene	1412.00	Sesquiterpene
26	31.20	0.85%	beta-Caryophyllene	1427.14	Sesquiterpene
27	31.83	0.59%	Aromadendrene	1449.80	Sesquiterpene
28	32.29	0.23%	alpha-Humulene	1461.43	Sesquiterpene
29	32.51	0.79%	allo-Aromadendrene	1471.00	Sesquiterpene
30	32.84	0.18%	gamma-Murolene	1478.86	Sesquiterpene
31	33.38	0.36%	Bicyclogermacrene	1490.71	Sesquiterpene
32	33.61	5.93%	Viridiflorene	1494.14	Sesquiterpene
33	34.35	1.75%	delta-Cadinene	1524.14	Sesquiterpene
34	34.64	0.25%	trans-Calamenene	1529.50	Sesquiterpene
35	35.78	0.37%	Palustrol	1581.50	Sesquiterpenol
36	36.06	0.60%	Spathulenol	1587.00	Sesquiterpenol
37	36.28	7.90%	Globulol	1593.50	Sesquiterpenol
38	36.53	7.24%	Viridiflorol	1596.00	Sesquiterpenol
39	36.84	1.02%	Ledol	1623.00	Sesquiterpenol
40	36.84	Co-Eluting	Leptospermone	1602.00	Triketone

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