

Client



Source



Vetiver (*Vetiveria zizanioides*)  
477135

Sample

Vetiver (*Vetiveria zizanioides*)

Batch #:..... 477135  
Type:..... Essential Oil  
CAS Number:... 84238-29-9  
Natural Sourcing LLC

Client



Website

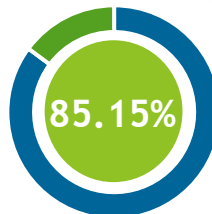
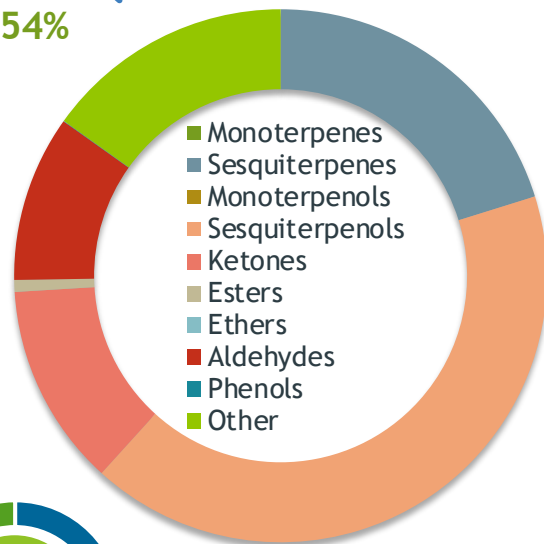


Primary

**10.09%** | (E)-Isovalencenal  
**7.91%** | Khusimol  
**6.02%** | 10-epi-gamma-Eudesmol

Sesquiterpenols

41.54%



Percentage Identified

Result



Conclusion

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

Internal Number: | EVS-2863



Essential Validation Services

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Gainesville, FL 32601

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<https://essentialvalidationservices.com/>  
adam@essentialvalidationservices.com

Monoterpenes	0.01%
Sesquiterpenes	20.18%
Monoterpenols	0.00%
Sesquiterpenols	41.54%
Ketones	12.30%
Esters	0.72%
Ethers	0.00%
Aldehydes	10.09%
Phenols	0.03%
Other	15.13%

- This report is the digitally signed and will only be considered valid if the signature is intact.  
- This report may not be published without the consent of Essential Validation Services.  
- Chromatograph image may not show full run time

Client



Source



Vetiver (*Vetiveria zizanioides*)  
477135

Total Percentage		85.15%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	12.85	0.01%	alpha-Pinene	936.10	Monoterpene
2	27.69	0.03%	4-Vinylguaicol	1315.00	Simple Phenolic
3	28.98	0.06%	alpha-Cubebene	1355.71	Sesquiterpene
4	29.64	0.14%	alpha-Ylangene	1371.33	Sesquiterpene
5	29.76	0.28%	Nigritene	1372.00	Norsesquiterpene
6	30.11	0.20%	alpha-Copaene	1379.00	Sesquiterpene
7	30.40	0.14%	beta-Elemene	1389.20	Sesquiterpene
8	30.88	0.08%	Cyperene	1397.67	Sesquiterpene
9	31.05	0.15%	Acora-3,7(14)-diene	1410.25	Sesquiterpene
10	31.21	0.21%	alpha-Cedrene	1410.75	Sesquiterpene
11	31.32	0.18%	alpha-Gurjunene	1412.00	Sesquiterpene
12	31.49	0.29%	beta-Caryophyllene	1427.14	Sesquiterpene
13	31.75	0.28%	beta-Gurjunene	1433.00	Sesquiterpene
14	31.90	0.05%	beta-Copaene	1445.00	Sesquiterpene
15	32.08	0.25%	6,9-Guaiadiene	1446.00	Sesquiterpene
16	32.49	0.82%	Khusimene	1460.50	Sesquiterpene
17	32.54	0.40%	alpha-Acoradiene	1463.00	Sesquiterpene
18	32.58	0.08%	gamma-Selinene	1465.50	Sesquiterpene
19	32.86	0.47%	beta-Acoradiene	1475.00	Sesquiterpene
20	33.29	2.57%	alpha-Amorphene	1481.75	Sesquiterpene
21	33.47	0.66%	alpha-Vetispirene	1490.10	Sesquiterpene
22	33.64	2.06%	beta-Vetispirene	1492.00	Sesquiterpene
23	33.72	0.76%	gamma-Amorphene	1493.00	Sesquiterpene
24	33.88	0.16%	Nootkatene	1504.50	Sesquiterpene
25	34.11	1.44%	delta-Amorphene	1510.10	Sesquiterpene
26	34.35	0.25%	delta-Guaiene	1511.50	Sesquiterpene
27	34.46	0.34%	gamma-Cadinene	1515.29	Sesquiterpene
28	34.58	1.60%	delta-Cadinene	1524.14	Sesquiterpene
29	34.75	0.32%	gamma-Vetivenene	1532.00	Sesquiterpene
30	35.20	0.31%	alpha-Calacorene	1537.14	Sesquiterpene
31	35.37	1.05%	Elemol	1538.00	Sesquiterpenol
32	35.59	2.91%	beta-Vetivenene	1542.75	Sesquiterpene
33	35.83	2.90%	beta-Calacorene	1555.50	Sesquiterpene
34	36.08	0.72%	trans-Sesquisabinene hydrate	1576.00	Monoterpene Ester
35	36.22	0.10%	beta-Vetivenene isomer I	1573.30	Sesquiterpene

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