

Client



Source



Organic Vetiver (*Vetiveria zizanioides*)  
B945F008

Sample

Organic Vetiver (*Vetiveria zizanioides*)

Batch #:..... B945F008

Type:..... Essential Oil

CAS Number:... 84238-29-9

Natural Sourcing LLC

Client



Website



Primary

**6.32%**

Khusimol

**5.90%**

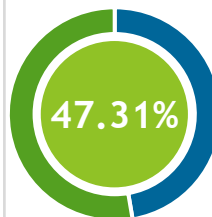
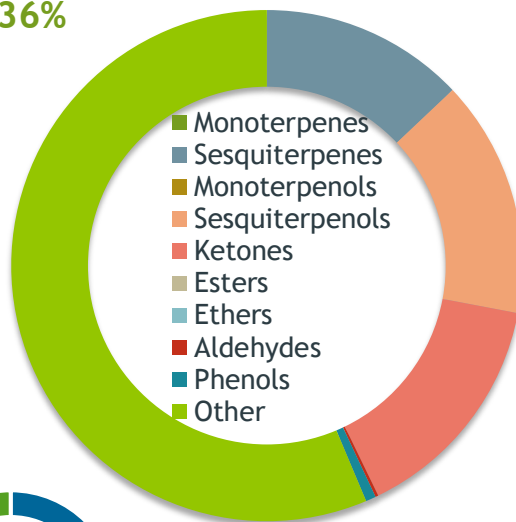
UK Vetiver

**4.01%**

alpha-Vetivone

Other

55.36%



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 Organic Vetiver (*Vetiveria zizanioides*)

Internal Number: | EVS-4322



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306  
Gainesville, FL 32601

317.361.5044 |  
<https://essentialvalidationservices.com/>

*Alan Christen*

Monoterpenes	0.00%
Sesquiterpenes	12.72%
Monoterpenols	0.00%
Sesquiterpenols	14.77%
Ketones	14.58%
Esters	0.00%
Ethers	0.00%
Aldehydes	0.18%
Phenols	0.63%
Other	55.36%

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**NATURAL SOURCING**  
Cosmetic and Personal Care Ingredient Specialists  
PROUDLY SERVING YOU FOR OVER 30 YEARS

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B945F008

Total Percentage		47.31%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.96	0.07%	Furfural	Furan
2	24.82	0.04%	4-Vinylguaiacol	Simple Phenolic
3	27.00	0.25%	12-Norisoziza-5-ene	Norsesquiterpene
4	27.19	1.55%	UK Vetiver	
5	27.29	0.69%	UK Vetiver	
6	27.57	0.36%	alpha-Ylangene	Sesquiterpene
7	27.68	0.02%	alpha-Longipinene	Sesquiterpene
8	27.89	0.23%	2-epi-alpha-Funebrene	Sesquiterpene
9	28.10	2.77%	UK Vetiver	
10	28.43	5.90%	UK Vetiver	
11	28.56	0.40%	alpha-Cedrene	Sesquiterpene
12	28.75	0.15%	Cyperene	Sesquiterpene
13	28.85	0.06%	beta-Cubebene	Sesquiterpene
14	29.12	0.18%	Acora-3,7(14)-diene	Sesquiterpene
15	29.60	0.17%	beta-Cedrene	Sesquiterpene
16	29.80	0.23%	alpha-Gurjunene	Sesquiterpene
17	30.14	0.27%	Aromadendrene	Sesquiterpene
18	30.43	1.19%	beta-Gurjunene	Sesquiterpene
19	30.67	0.59%	(E)-Isoeugenol	Phenylpropanoid
20	30.90	0.58%	Khusimene	Sesquiterpene
21	31.34	0.75%	alpha-Himachalene	Sesquiterpene
22	31.71	0.19%	beta-Chamigrene	Sesquiterpene
23	31.96	1.03%	alpha-Amorphene	Sesquiterpene
24	32.14	1.08%	UK Vetiver	
25	32.30	1.76%	28.51 Guaiene<cis-beta->	0.00
26	32.49	0.27%	gamma-Murolene	Sesquiterpene
27	32.59	0.09%	beta-Guaiene	Sesquiterpene
28	32.75	0.07%	beta-Selinene	Sesquiterpene
29	32.93	0.48%	beta-Cadinene	Sesquiterpene
30	33.28	0.22%	Nootkatene	Sesquiterpene
31	33.52	0.44%	Valencene	Sesquiterpene
32	33.63	0.03%	trans-Calamenene	Sesquiterpene
33	33.70	0.09%	Zonarene	Sesquiterpene
34	33.89	1.47%	gamma-Vetivenene	Sesquiterpene
35	34.08	0.15%	gamma-Cadinene	Sesquiterpene

ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

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Organic Vetiver (*Vetiveria zizanioides*)

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Number	RT	Area %	Compound Name	Chemical Family
36	34.189	0.27%	delta-Guaiene	Sesquiterpene
37	34.38	0.38%	alpha-Calacorene	Sesquiterpene
38	34.69	0.12%	Elemol	Sesquiterpenol
39	34.84	1.80%	beta-Vetivenene	Sesquiterpene
40	35.18	1.15%	beta-Vetivenene isomer I	Sesquiterpene
41	36.72	0.81%	Khusimone	Monoterpene Ketone
42	36.92	0.27%	Viridiflorol	Sesquiterpenol
43	37.19	1.09%	UK Vetiver	
44	37.43	0.81%	Junenol	Sesquiterpenol
45	37.74	0.39%	UK Vetiver	
46	37.83	0.43%	UK Vetiver	
47	37.85	0.33%	gamma-Eudesmol	Sesquiterpenol
48	38.40	0.47%	UK Vetiver	
49	38.92	1.24%	alpha-Muurolol	Sesquiterpenol
50	39.15	2.18%	epi-Zizanone	Sesquiterpene Ketone
51	39.38	0.82%	Cyclocopacampha-12-ol (epimer A)	Sesquiterpenol
52	39.48	0.83%	UK Vetiver	
53	39.65	0.70%	UK Vetiver	
54	39.84	2.78%	Cyclocopacampha-12-ol (epimer B)	Sesquiterpenol
55	40.00	0.41%	Cedr-8-en-13-ol	Sesquiterpenol
56	40.11	0.38%	UK Vetiver	
57	40.30	1.20%	Khusinol	
58	40.69	0.96%	UK Vetiver	
59	40.81	2.05%	UK Vetiver	
60	40.95	0.18%	Zizanal	Sesquiterpene Aldehyde
61	41.18	0.98%	Vetiselinenol	Sesquiterpenol
62	41.99	6.32%	Khusimol	Sesquiterpenol
63	43.35	0.69%	beta-Costol	Sesquiterpenol
64	43.61	0.64%	UK Vetiver	
65	43.73	0.45%	UK Vetiver	
66	43.97	0.60%	UK Vetiver	
67	44.01	0.44%	UK Vetiver	
68	44.11	1.25%	UK Vetiver	
69	44.39	1.10%	UK Vetiver	
70	44.65	3.81%	Nootkatone	Sesquiterpene Ketone
71	44.80	2.35%	Zizanoicacid	Sesquiterpene Acid

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