

Client



Source



Ruh Khus (Vetiveria zizanioides)

IN-59369 - India

Sample

Ruh Khus (Vetiveria zizanioides)

Identification #: IN-59369

Type:..... Essential Oil

CAS Number:... 84238-29-9

Nature's Gift

Properties

Country Of Origin India

Specific Gravity NT

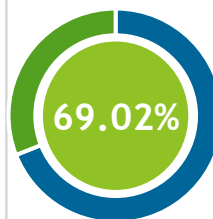
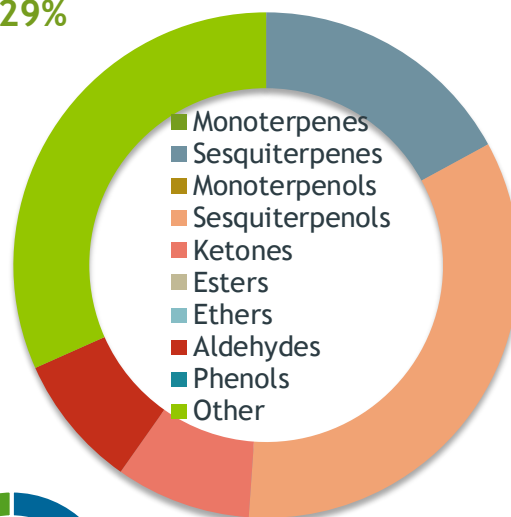
Refractive Index NT

Primary

13.55%Khusimol7.10%(E)-Isovalencenal4.67%T-Muurolol

Sesquiterpenols

33.29%



Percentage Identified

Result



1/3/2024

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Ruh Khus (Vetiveria zizanioides)

Internal Number: | EVS-5989



Essential Validation Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	0.00%
Sesquiterpenes	16.70%
Monoterpenols	0.00%
Sesquiterpenols	33.29%
Ketones	8.48%
Esters	0.00%
Ethers	0.00%
Aldehydes	8.38%
Phenols	0.00%
Other	30.98%

Client



Source

*Ruh Khus (Vetiveria zizanioides)*

IN-59369

Total Percentage		69.02%		
Number	RT	Area %	Compound Name	Chemical Family
1	28.02	0.12%	2-epi-alpha-Funebrene	Sesquiterpene
2	28.16	0.21%	alpha-Ylangene	Sesquiterpene
3	28.42	0.04%	beta-Elemene	Sesquiterpene
4	29.02	0.04%	beta-Cubebene	Sesquiterpene
5	29.27	0.12%	Acora-3,7(14)-diene	Sesquiterpene
6	29.40	0.18%	2-epi-beta-Funebrene	Sesquiterpene
7	29.58	0.11%	alpha-Gurjunene	Sesquiterpene
8	29.75	0.18%	beta-Cedrene	Sesquiterpene
9	30.10	0.20%	beta-Gurjunene	Sesquiterpene
10	30.55	0.15%	6,9-Guaiadiene	Sesquiterpene
11	30.65	0.05%	Acora-2,4(15)-diene	Sesquiterpene
12	30.86	0.62%	Prezizaene	Sesquiterpene
13	31.05	0.90%	Khusimene	Sesquiterpene
14	31.19	0.29%	alpha-Guaiene	Sesquiterpene
15	31.47	0.49%	UK Ruh Khus	
16	32.11	2.12%	alpha-Amorphene	Sesquiterpene
17	32.27	0.41%	alpha-Vetispiene	Sesquiterpene
18	32.47	2.54%	beta-Vetispiene	Sesquiterpene
19	32.63	0.60%	gamma-Amorphene	Sesquiterpene
20	32.85	0.24%	Germacrene D	Sesquiterpene
21	33.07	1.49%	beta-Cadinene	Sesquiterpene
22	33.44	0.57%	Nootkatene	Sesquiterpene
23	33.66	0.89%	Valencene	Sesquiterpene
24	33.85	0.15%	28.92 Guaiene<trans-beta->	0.00
25	34.01	0.31%	gamma-Vetivenene	Sesquiterpene
26	34.21	0.12%	gamma-Cadinene	Sesquiterpene
27	34.34	0.43%	UK Ruh Khus	
28	34.52	0.22%	alpha-Calacorene	Sesquiterpene
29	34.85	0.69%	Elemol	Sesquiterpenol
30	35.00	3.98%	beta-Vetivenene	Sesquiterpene
31	35.36	2.00%	Maaliol	Sesquiterpenol
32	35.81	0.30%	UK Ruh Khus	
33	36.10	0.63%	UK Ruh Khus	
34	36.22	0.81%	UK Ruh Khus	
35	36.53	0.60%	Cedrol	Sesquiterpenol

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

Client



Source



Ruh Khus (Vetiveria zizanioides)
IN-59369

Number	RT	Area %	Compound Name	Chemical Family
36	36.87	0.73%	Khusimone	Sesquiterpenol
37	37.03	0.52%	Khusimone Isomer	
38	37.34	1.39%	UK Ruh Khus	
39	37.59	2.04%	Junenol	Sesquiterpenol
40	37.65	1.50%	UK Ruh Khus	
41	37.77	0.34%	UK Ruh Khus	
42	37.88	1.31%	UK Ruh Khus	
43	37.96	0.35%	UK Ruh Khus	
44	38.08	1.29%	1-epi-Cubenol	Sesquiterpenol
45	38.33	0.96%	34.42 Cedrenal<1,7-diepi-alpha->	0.00
46	38.54	0.57%	UK Ruh Khus	
47	38.64	0.80%	alpha-Cadinol	Sesquiterpenol
48	38.82	4.67%	T-Muurolol	Sesquiterpenol
49	38.94	1.30%	UK Ruh Khus	
50	39.05	1.83%	UK Ruh Khus	
51	39.24	1.71%	UK Ruh Khus	
52	39.30	1.85%	UK Ruh Khus	
53	39.53	0.79%	beta-Bisabolol	Sesquiterpenol
54	39.62	3.09%	Khusinol	
55	39.79	0.52%	UK Ruh Khus	
56	39.98	2.36%	Khusiol	Sesquiterpenol
57	40.16	1.28%	Zizanal	Sesquiterpene Aldehyde
58	40.40	2.65%	Junipercamphor	Sesquiterpene Ketone
59	40.72	0.37%	UK Ruh Khus	
60	40.82	0.82%	UK Ruh Khus	
61	40.96	0.52%	36.72 Nootkatol<epi->	0.00
62	41.07	0.24%	Nootkatol	Sesquiterpenol
63	41.32	3.33%	Vetiselinenol	Sesquiterpenol
64	41.61	0.73%	UK Ruh Khus	
65	41.73	0.17%	Oplopanone	Sesquiterpenol
66	42.16	13.55%	Khusimol	Sesquiterpenol
67	42.26	0.60%	Isobicyclogermacrenal	
68	42.55	0.44%	Khusimol	Sesquiterpenol
69	42.68	0.31%	UK Ruh Khus	
70	42.79	0.54%	UK Ruh Khus	

Ruh Khus (Vetiveria zizanioides)
IN-59369

[illegible]