

Client



Source



Spikenard (*Nardostachys jatamansi*)
NP-59225

Sample

Spikenard (*Nardostachys jatamansi*)

Batch #:..... NP-59225

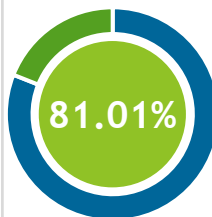
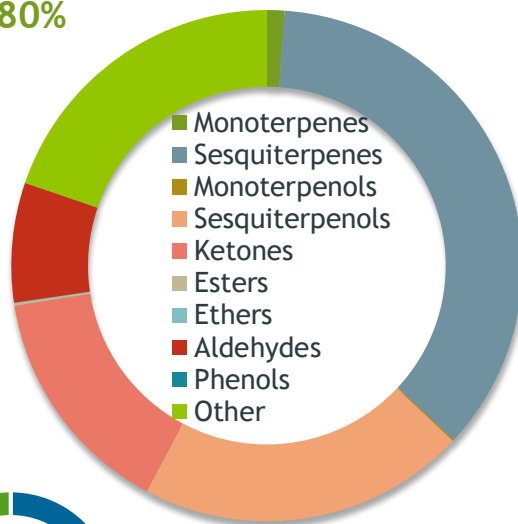
Type:..... Essential Oil

CAS Number:... 8022-22-8

Nature's Gift

Sesquiterpenes

34.80%



Percentage Identified

Client



Website



Primary

14.16% | Valeranone

12.48% | Gleenol

7.35% | Valerenal

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Spikenard (*Nardostachys jatamansi*)

Internal Number: | EVS-4849



Essential Validation Services

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

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

Adam Christian

Monoterpenes	1.07%
Sesquiterpenes	34.80%
Monoterpenols	0.09%
Sesquiterpenols	20.14%
Ketones	14.28%
Esters	0.13%
Ethers	0.05%
Aldehydes	7.35%
Phenols	0.00%
Other	19.18%

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Total Percentage		81.01%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.35	0.19%	Isovaleric acid	Aliphatic Acid
2	5.55	0.02%	Ethyl isovalerate	Aliphatic Ester
3	8.13	0.13%	alpha-Pinene	Monoterpene
4	9.68	0.01%	Sabinene	Monoterpene
5	9.84	0.86%	beta-Pinene	Monoterpene
6	11.08	0.01%	alpha-Phellandrene	Monoterpene
7	12.08	0.05%	Limonene	Monoterpene
8	12.18	0.01%	1,8-Cineole	Monoterpene Ether
9	13.39	0.01%	gamma-Terpinene	Monoterpene
10	15.33	0.02%	Linalool	Monoterpenol
11	17.06	0.04%	cis-Verbenol	Monoterpenol
12	18.93	0.01%	Terpinen-4-ol	Monoterpenol
13	19.62	0.02%	alpha-Terpineol	Monoterpenol
14	21.26	0.04%	Methyl thymol	Monoterpene Ether
15	22.75	0.03%	trans-Hex-2-en-1-yl isovalerate	Aliphatic Ester
16	24.12	0.12%	2-Undecanone	Aliphatic Ketone
17	25.35	0.06%	Myrtenyl acetate	Monoterpene Ester
18	25.73	0.44%	delta-Elemene	Sesquiterpene
19	26.62	0.02%	Citronellyl acetate	Monoterpene Ester
20	27.61	0.05%	Isoledene	Sesquiterpene
21	27.72	0.04%	Daucene	Sesquiterpene
22	27.89	0.80%	beta-Patchoulene	Sesquiterpene
23	28.58	1.85%	beta-Maaliene	Sesquiterpene
24	28.95	1.34%	beta-Elemene	Sesquiterpene
25	29.06	2.09%	alpha-Gurjunene	Sesquiterpene
26	29.23	0.05%	cis-alpha-Bergamotene	Sesquiterpene
27	29.34	0.73%	Cyperene	Sesquiterpene
28	29.87	4.73%	beta-Gurjunene	Sesquiterpene
29	30.00	0.87%	alpha-Santalene	Sesquiterpene
30	30.35	1.54%	6,9-Guaiadiene	Sesquiterpene
31	30.53	2.26%	Seychellene	Sesquiterpene
32	30.91	6.65%	alpha-Guaiene	Sesquiterpene
33	31.06	2.91%	beta-Humulene	0.00
34	31.31	0.30%	Aromadendrene	Sesquiterpene
35	31.58	0.12%	Dauca-5,8-diene	Sesquiterpene

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Number	RT	Area %	Compound Name	Chemical Family
36	31.712	0.11%	gamma-Murolene	Sesquiterpene
37	32.08	0.44%	cis-Muurolo-4(14),5-diene	Sesquiterpene
38	32.22	0.94%	beta-Selinene	Sesquiterpene
39	32.39	1.48%	Viridiflorene	Sesquiterpene
40	32.53	2.26%	alpha-Selinene	Sesquiterpene
41	32.68	0.46%	gamma-Gurjunene	Sesquiterpene
42	32.80	0.21%	gamma-Himachalene	Sesquiterpene
43	32.91	0.06%	beta-Cadinene	Sesquiterpene
44	33.12	0.02%	beta-Bisabolene	Sesquiterpene
45	33.25	0.29%	gamma-Cadinene	Sesquiterpene
46	33.45	3.60%	7-epi-alpha-Selinene	Sesquiterpene
47	33.60	0.36%	Cuparene	Sesquiterpene
48	33.72	0.67%	beta-Sesquiphellandrene	Sesquiterpene
49	34.16	0.04%	alpha-Cadinene	Sesquiterpene
50	34.68	1.02%	UK Spikenard	
51	34.96	0.65%	UK Spikenard	
52	35.35	0.47%	Maaliol	Sesquiterpenol
53	35.69	0.81%	Spathulenol	Sesquiterpenol
54	35.99	12.48%	Gleenol	Sesquiterpenol
55	36.35	0.80%	Viridiflorol	Sesquiterpenol
56	36.65	0.14%	Carotol	Sesquiterpenol
57	36.82	0.24%	Rosifoliol	Sesquiterpenol
58	37.21	0.13%	Globulol	Sesquiterpenol
59	37.67	1.78%	Ledol	Sesquiterpenol
60	37.84	0.24%	Isospathulenol	Sesquiterpenol
61	38.20	0.17%	T-Cadinol	Sesquiterpenol
62	38.44	0.60%	T-Muurolol	Sesquiterpenol
63	38.72	0.61%	alpha-Cadinol	Sesquiterpenol
64	39.06	1.67%	Patchouli alcohol	Sesquiterpenol
65	39.39	14.16%	Valeranone	Sesquiterpene Ketone
66	40.85	7.35%	Valerenal	Sesquiterpene Aldehyde
67	41.12	0.50%	UK Spikenard	
68	42.19	0.39%	UK Spikenard	
69	42.28	0.25%	UK Spikenard	
70	43.09	0.83%	UK Spikenard	
71	44.30	2.81%	Valerenic acid, ethyl ester	

