

Client



Source

Sandalwood New Caledonian (*Santalum austrocaledonicum*)

NC-59390 - New Caledonia

Sample

Sandalwood New Caledonian (*Santalum*

Identification #: NC-59390

Type:..... Essential Oil

CAS Number:...

Nature's Gift

Properties

Country Of Origin | New Caledonia

Specific Gravity | NT

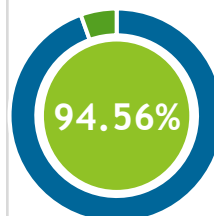
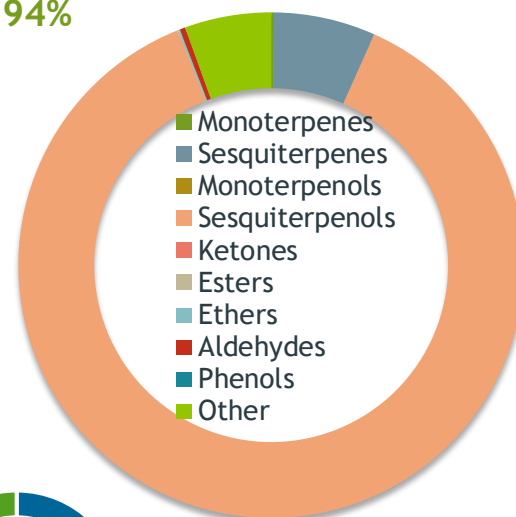
Refractive Index | NT

Primary

42.10% | (E)-alpha-Santalol24.53% | cis-beta-Santalol7.37% | (Z)-trans-alpha-

Sesquiterpenols

85.94%



Percentage Identified

Result



4/4/2024

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Sandalwood New Caledonian (*Santalum austrocaledonicum*)

Internal Number: | EVS-6114



Essential Validation Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	0.18%
Sesquiterpenes	6.41%
Monoterpenols	0.00%
Sesquiterpenols	85.94%
Ketones	0.00%
Esters	0.12%
Ethers	0.07%
Aldehydes	0.35%
Phenols	0.00%
Other	5.45%

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Total Percentage		94.56%		
Number	RT	Area %	Compound Name	Chemical Family
1	6.47	0.01%	Santene	Normonoterpene
2	12.20	0.01%	Limonene	Monoterpene
3	26.00	0.05%	Terpinen-4-yl acetate	Monoterpene Ester
4	28.25	0.01%	7-epi-Sesquithujene	Sesquiterpene
5	29.28	0.03%	alpha-Cedrene	Sesquiterpene
6	29.51	1.25%	alpha-Santalene	Sesquiterpene
7	30.12	0.23%	trans-alpha-Bergamotene	Sesquiterpene
8	30.66	0.92%	epi-beta-Santalene	Sesquiterpene
9	31.16	1.90%	beta-Santalene	Sesquiterpene
10	31.29	0.02%	27.32 Acoradiene<alpha->	0.00
11	31.44	0.04%	10-epi-beta-Acoradiene	Sesquiterpene
12	31.94	0.05%	gamma-Curcumene	Sesquiterpene
13	32.07	0.26%	ar-Curcumene	Sesquiterpene
14	32.91	0.02%	cis-alpha-Bisabolene	Sesquiterpene
15	33.17	0.17%	beta-Bisabolene	Sesquiterpene
16	33.24	0.17%	beta-Curcumene	Monoterpene
17	33.54	0.95%	cis-gamma-Bisabolene	Sesquiterpene
18	33.80	0.03%	beta-Sesquiphellandrene	Sesquiterpene
19	34.46	0.55%	trans-gamma-Bisabolene	Sesquiterpene
20	34.91	0.46%	(Z)-Nerolidol	Sesquiterpenol
21	35.27	0.09%	(E)-Nerolidol	Sesquiterpenol
22	35.57	0.07%	Dendrolasin	Sesquiterpene Ether
23	36.34	0.04%	Teresantalol	Sesquiterpenol
24	37.99	0.09%	alpha-Acorenol	Sesquiterpenol
25	39.09	0.36%	(E)-alpha-Santalol isomer	
26	39.36	0.61%	beta-Bisabolol	Sesquiterpenol
27	39.65	42.10%	(E)-alpha-Santalol	Sesquiterpenol
28	40.07	7.37%	(Z)-trans-alpha-Bergamotol	Sesquiterpenol
29	40.28	0.78%	Santalol isomer	
30	40.53	3.79%	(Z)-epi-beta-Santalol	Sesquiterpenol
31	41.10	24.53%	cis-beta-Santalol	Sesquiterpenol
32	41.28	2.50%	(Z)-Nuciferol	Sesquiterpenol
33	41.37	0.29%	trans-beta-Santalol	Sesquiterpenol
34	41.77	1.22%	38.15 Santalol<(E)-beta->	0.00
35	42.00	0.16%	(E,E)-Farnesol	Sesquiterpenol

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