

Client



Source



Organic Cedarwood Atlas (*Cedrus atlantica*)  
B255055

Sample

Organic Cedarwood Atlas (*Cedrus atlantica*)

Batch #:..... B255055

Type:..... Essential Oil

CAS Number:... 8007-20-3

Natural Sourcing LLC

Client



Website



Primary

41.31%

beta-Himachalene

18.05%

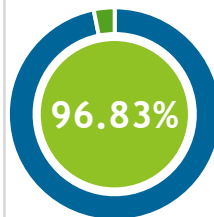
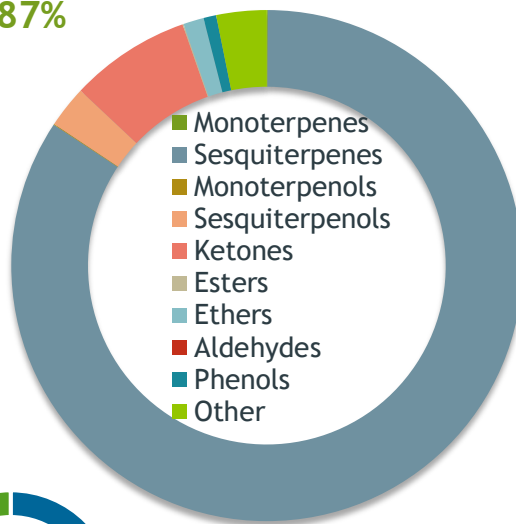
alpha-Himachalene

10.99%

gamma-Himachalene

Sesquiterpenes

83.87%



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 Cedarwood Atlas (*Cedrus atlantica*)

Internal Number: | EVS-4319



Essential Validation Services

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

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

*Alan Chastain*

Monoterpenes	0.06%
Sesquiterpenes	83.87%
Monoterpenols	0.05%
Sesquiterpenols	2.64%
Ketones	7.61%
Esters	0.07%
Ethers	1.29%
Aldehydes	0.00%
Phenols	0.80%
Other	3.17%

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

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Total Percentage		96.83%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.15	0.03%	Mesityl oxide	Aliphatic Ketone
2	8.18	0.03%	alpha-Pinene	Monoterpene
3	12.13	0.02%	Limonene	Monoterpene
4	12.23	0.01%	1,8-Cineole	Monoterpene Ether
5	14.25	0.01%	para-Cresol	Phenol
6	14.87	0.01%	para-Cymenene	Monoterpene
7	16.71	0.70%	Limona ketone	Simple Phenolic
8	18.58	0.01%	Borneol	Monoterpenol
9	19.16	0.09%	para-Methylacetophenone	Simple Phenolic
10	19.69	0.04%	alpha-Terpineol	Monoterpenol
11	25.80	0.01%	delta-Elemene	Sesquiterpene
12	26.51	0.10%	alpha-Longipinene	Sesquiterpene
13	27.12	0.01%	alpha-Cubebene	Sesquiterpene
14	27.39	0.07%	alpha-Ylangene	Sesquiterpene
15	27.65	0.04%	alpha-Copaene	Sesquiterpene
16	28.31	0.11%	Sativene	Sesquiterpene
17	28.79	0.71%	Sibirene	Sesquiterpene
18	28.98	0.74%	Longifolene	Sesquiterpene
19	29.70	0.54%	Himachala-2,4-diene	Sesquiterpene
20	29.84	0.12%	25.79 Dictamnol	0.00
21	30.17	0.03%	trans-alpha-Bergamotene	Sesquiterpene
22	30.47	0.58%	Vestitenone	Terpenic Ketone
23	30.77	18.05%	alpha-Himachalene	Sesquiterpene
24	31.03	0.23%	(E)-beta-Farnesene	Sesquiterpene
25	31.39	0.49%	Thujopsadiene	Sesquiterpene
26	31.60	0.54%	gamma-Curcumene	Sesquiterpene
27	31.94	10.99%	gamma-Himachalene	Sesquiterpene
28	32.09	2.15%	11-alpha-H-Himachala-1,4-diene	Sesquiterpene
29	32.25	0.32%	28.05 Amorphane<cis-4,10-epoxy->	0.00
30	32.56	0.30%	beta-Acoradiene	Sesquiterpene
31	32.94	41.31%	beta-Himachalene	Sesquiterpene
32	33.19	1.34%	alpha-Dehydro-ar-himachalene	Sesquiterpene
33	33.29	0.08%	trans-gamma-Bisabolene	Sesquiterpene
34	33.58	2.19%	delta-Cadinene	Sesquiterpene
35	33.80	2.12%	gamma-Dehydro-ar-himachalene	Sesquiterpene

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

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Number	RT	Area %	Compound Name	Chemical Family
36	34.101	0.53%	gamma-Vetivenene	Sesquiterpene
37	34.38	0.49%	alpha-Calacorene	Sesquiterpene
38	34.48	0.67%	trans-alpha-Bisabolene	Sesquiterpene
39	35.19	0.03%	beta-Calacorene	Sesquiterpene
40	35.27	0.13%	(E)-Nerolidol	Sesquiterpenol
41	36.64	0.26%	Longiborneol	Sesquiterpenol
42	37.09	0.79%	beta-Himachalene oxide	Sesquiterpene Ether
43	37.30	0.49%	Humulene epoxide II	Sesquiterpene Ether
44	37.70	0.79%	1-epi-Cubenol	Sesquiterpenol
45	38.03	0.07%	33.72 Cedrene epoxide<beta->	Sesquiterpene Ester
46	38.24	0.05%	beta-Acorenol	Sesquiterpenol
47	38.60	0.64%	Himachalol	Sesquiterpenol
48	39.08	0.77%	Allohimachalol	Sesquiterpenol
49	39.27	0.27%	(E)-10,11-Dihydroatlantone	Sesquiterpene Ketone
50	39.92	0.75%	(Z)-gamma-Atlantone	Sesquiterpene Ketone
51	40.18	0.94%	Deodarone analog?	Sesquiterpene Ketone
52	40.23	1.10%	Deodarone	Sesquiterpene Ketone
53	40.36	0.85%	(E)-gamma-Atlantone	Sesquiterpene Ketone
54	40.91	0.48%	(Z)-alpha-Atlantone	Sesquiterpene Ketone
55	43.02	2.61%	(E)-alpha-Atlantone	Sesquiterpene Ketone

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