

Cedarwood, Himalayan

Cedrus deodara

Batch No. IN-59148

India

Sesquiterpenes 53.46%

β himachalene	27.10
α himachalene	11.37
γ himachalene	7.00
11-α-H-Himachala-1,4-diene	1.71
γ Dehydro-ar-himachalene	1.16
(E) α bisabolene	1.14
longifolene	0.82
thujopsadiene	0.66
α Dehydro-ar-himachalene	0.49
γ curcumene	0.43
himachala-2,4-diene	0.37
γ vetivenene	0.26
(E) β farnesene	0.23
α calacorene	0.13
sibirene	0.12
10-epi-β-acoradiene	0.12
(E) α bergamotene	0.11
α longipinene	0.07
sativene	0.06
α cedrene	0.04
(Z) calamenene	0.04
(E) γ bisabolene	0.03

Monoterpenes 0.12%

α pinene	0.04
limonene	0.03
para-cymenene	0.04
1,3,8-para-menthatriene	0.01

Monoterpenols 0.04%

α terpineol	0.03
fenchol	0.01

Ethers 1.63%

β cedrene epoxide	0.97
β himachlene oxide	0.39
himachalene oxide	0.27

Ketones 31.81%

(E) α atlantone	12.09
(E) γ atlantone	6.28
(Z) γ atlantone	5.68
(Z) α atlantone	2.41
vestitenone	2.35
(E)-10,11-Dihydroatlantone	1.54
deodarone	1.10
Mesityl oxide	0.34
ar-Dihydroturmerone	0.02

Phenols 2.46%

limona ketone	2.23
para-Methylacetophenone	0.20
para-cresol	0.03

Other 1.66%

deodarone analog	1.14
furfural	0.48
5 methylfurfural	0.04

Sesquiterpenols 2.06%

allohimachalol	1.07
longiborneol	0.35
α acorenol	0.35
himachalol	0.22
(E) nerolidol	0.07

Client



Source



Cedarwood Himalayan (*Cedrus deodara*)
IN-59148

Sample

Cedarwood Himalayan (*Cedrus deodara*)
Batch #:..... | IN-59148
Type:..... | Essential Oil
CAS Number:... | 68991-36-6
Nature's Gift

Client



Website

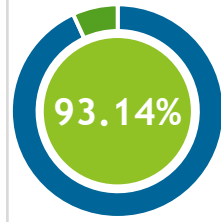
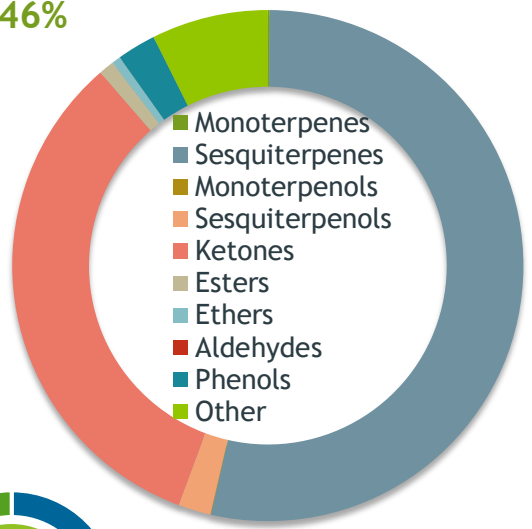


Primary

27.10% | beta-Himachalene
12.09 | (E)-alpha-Atlantone
11.37% | alpha-Himachalene

Sesquiterpenes

53.46%



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 Cedarwood Himalayan (*Cedrus deodara*)

Internal Number: | EVS-4208



Essential Validation Services

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

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

Alan Christen

Monoterpenes	0.12%
Sesquiterpenes	53.46%
Monoterpenols	0.04%
Sesquiterpenols	2.06%
Ketones	32.95%
Esters	0.97%
Ethers	0.56%
Aldehydes	0.00%
Phenols	2.46%
Other	7.38%

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

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date

Client



Source

Cedarwood Himalayan (*Cedrus deodara*)

IN-59148

Total Percentage		93.14%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.21	0.34%	Mesityl oxide	Aliphatic Ketone
2	5.04	0.48%	Furfural	Furan
3	8.27	0.04%	alpha-Pinene	Monoterpene
4	9.36	0.04%	5-Methylfurfural	Furan
5	12.25	0.03%	Limonene	Monoterpene
6	14.41	0.03%	para-Cresol	Phenol
7	15.00	0.04%	para-Cymenene	Monoterpene
8	16.02	0.01%	1,3,8-para-Menthatriene	Monoterpene
9	16.32	0.01%	Fenchol	Monoterpenol
10	16.84	2.23%	Limona ketone	Simple Phenolic
11	19.30	0.20%	para-Methylacetophenone	Simple Phenolic
12	19.83	0.03%	alpha-Terpineol	Monoterpenol
13	26.65	0.07%	alpha-Longipinene	Sesquiterpene
14	28.43	0.06%	Sativene	Sesquiterpene
15	28.93	0.12%	Sibirene	Sesquiterpene
16	29.12	0.82%	Longifolene	Sesquiterpene
17	29.84	0.37%	Himachala-2,4-diene	Sesquiterpene
18	30.13	0.04%	alpha-Cedrene	Sesquiterpene
19	30.28	0.11%	trans-alpha-Bergamotene	Sesquiterpene
20	30.61	2.35%	Vestitenone	Terpenic Ketone
21	30.89	11.37%	alpha-Himachalene	Sesquiterpene
22	31.16	0.23%	(E)-beta-Farnesene	Sesquiterpene
23	31.53	0.66%	Thujopsadiene	Sesquiterpene
24	31.75	0.43%	gamma-Curcumene	Sesquiterpene
25	32.06	7.00%	gamma-Himachalene	Sesquiterpene
26	32.22	1.71%	11-alpha-H-Himachala-1,4-diene	Sesquiterpene
27	32.70	0.12%	10-epi-beta-Acoradiene	Sesquiterpene
28	33.03	27.10%	beta-Himachalene	Sesquiterpene
29	33.32	0.49%	alpha-Dehydro-ar-himachalene	Sesquiterpene
30	33.41	0.03%	trans-gamma-Bisabolene	Sesquiterpene
31	33.71	0.04%	cis-Calamenene	Sesquiterpene
32	33.92	1.16%	gamma-Dehydro-ar-himachalene	Sesquiterpene
33	34.24	0.26%	gamma-Vetivenene	Sesquiterpene
34	34.53	0.13%	alpha-Calacorene	Sesquiterpene
35	34.62	1.14%	trans-alpha-Bisabolene	Sesquiterpene

