



316 Old Hickory Blvd East, Madison, TN 37115  
tel (615)612-4270 fax (615)860-9171  
sold@naturesgift.com  
Balancing Body, Mind and Spirit with Pure Essential Oils  
Since 1995  
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## Cedarwood, Atlas *Cedrus atlantica*

Batch No. MA-59310  
Morocco

### Sesquiterpenes 73.72%

β himachalene	30.87
α himachalene	14.21
γ himachalene	9.68
neoisolongifolene, 8,9-dehyd	4
α Dehydro-ar-himachalene	2.89
δ cadinene	1.95
11-α-H-Himachala-1,4-diene	1.75
isolongifolene, 4,5-dehydro	1.64
thujopsadiene	0.89
γ vetivenene	0.86
α calacorene	0.78
longifolene	0.74
sibirene	0.68
(E) α bisabolene	0.67
α cedrene	0.49
himachala-2,4-diene	0.46
thujopsene	0.32
γ curcumene	0.3
β duprezianene	0.15
β calacorene	0.12
α longipinene	0.1
(E) α bergamotene	0.06
α copaene	0.04
α ylangene	0.04
β longipinene	0.02
δ elemene	0.01

### Sesquiterpenols 4.54%

allohimachalol	1.24
1-epi cubenol	1.19
himachalol	1.08
longiborneol	0.48
cedrol	0.33
(E) nerolidol	0.14
β costol	0.08

### Monoterpenes 0.13%

α pinene	0.04
α terpineol	0.04
para-cymenene	0.02
myrcene	0.01
limonene	0.01
borneol	0.01

### Monoterpenols 0.05%

α terpineol	0.04
fenchol	0.01

### Ethers 3.19%

caryophyllene oxide	1.17
himachalene oxide	0.84
β himachlene oxide	0.83
cis-4,10-epoxy-Amorphane	0.35

### Esters 0.01%

citronellyl formate	0.01
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### Ketones 11.66%

(E) α atlantone	4.75
deodarone isomer	1.35
(E) γ atlantone	1.25
(Z) γ atlantone	1.11
deodarone	1.1
(Z) α atlantone	0.91
vestitenone	0.58
(E)-10,11-Dihydroatlantone	0.54
Mesityl oxide	0.07
deodarone analog?	

### Phenols 0.86%

limona ketone	0.7
para-Methylacetophenone	0.16

### Other 0.01%

abietadiene	0.01
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Client



Source



Atlas Cedarwood (*Cedrus atlantica*)  
MA-59310

Sample

Atlas Cedarwood (*Cedrus atlantica*)  
Batch #:..... MA-59310  
Type:..... Essential Oil  
CAS Number:... 8007-20-3  
**Nature's Gift**

Client



Website

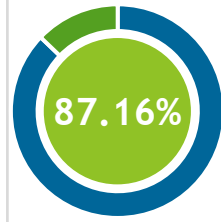
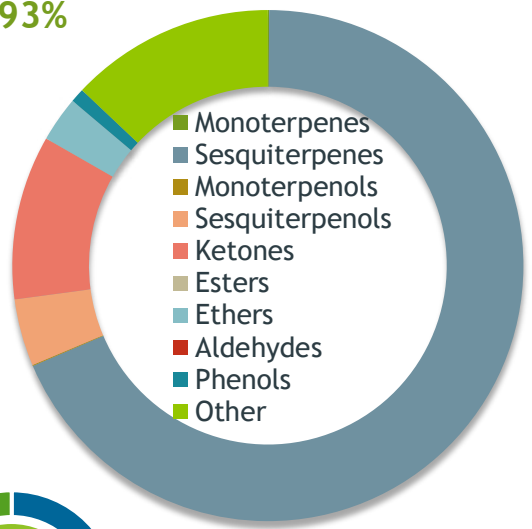


Primary

**30.87%** | beta-Himachalene  
**14.21%** | alpha-Himachalene  
**9.68%** | gamma-Himachalene

Sesquiterpenes

67.93%



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 Atlas Cedarwood (*Cedrus atlantica*)

Internal Number: | EVS-5474



Essential Validation Services

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

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

*Alan Christen*

Monoterpenes	0.08%
Sesquiterpenes	67.93%
Monoterpenols	0.06%
Sesquiterpenols	4.21%
Ketones	10.31%
Esters	0.01%
Ethers	2.84%
Aldehydes	0.00%
Phenols	0.88%
Other	12.85%

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Client



Source

Atlas Cedarwood (*Cedrus atlantica*)

MA-59310

Total Percentage		87.16%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.00	0.07%	Mesityl oxide	Aliphatic Ketone
2	7.92	0.04%	alpha-Pinene	Monoterpene
3	10.20	0.01%	Myrcene	Monoterpene
4	11.83	0.01%	Limonene	Monoterpene
5	14.02	0.02%	para-Cresol	Phenol
6	14.57	0.02%	para-Cymenene	Monoterpene
7	15.85	0.01%	Fenchol	Monoterpenol
8	16.39	0.70%	Limona ketone	Simple Phenolic
9	18.25	0.01%	Borneol	Monoterpenol
10	18.84	0.16%	para-Methylacetophenone	Simple Phenolic
11	19.36	0.04%	alpha-Terpineol	Monoterpenol
12	22.93	0.01%	Citronellyl formate	Monoterpene Ester
13	25.44	0.01%	delta-Elemene	Sesquiterpene
14	26.14	0.10%	alpha-Longipinene	Sesquiterpene
15	27.02	0.04%	alpha-Ylangene	Sesquiterpene
16	27.29	0.04%	alpha-Copaene	Sesquiterpene
17	27.74	1.64%	Isolongifolene, 4,5-dehydro-	
18	28.29	0.02%	beta-Longipinene	Sesquiterpene
19	28.44	0.68%	Sibirene	Sesquiterpene
20	28.62	0.74%	Longifolene	Sesquiterpene
21	28.92	0.49%	alpha-Cedrene	Sesquiterpene
22	29.18	0.15%	25.51 Duprezianene<beta->	0.00
23	29.34	0.46%	Himachala-2,4-diene	Sesquiterpene
24	29.70	0.32%	Thujopsene	Sesquiterpene
25	29.83	0.06%	trans-alpha-Bergamotene	Sesquiterpene
26	30.17	0.58%	Vestitenone	Terpenic Ketone
27	30.46	14.21%	alpha-Himachalene	Sesquiterpene
28	30.76	0.89%	Thujopsadiene	Sesquiterpene
29	31.63	9.68%	gamma-Himachalene	Sesquiterpene
30	31.76	1.75%	11-alpha-H-Himachala-1,4-diene	Sesquiterpene
31	31.91	0.35%	28.05 Amorphane<cis-4,10-epoxy->	0.00
32	32.21	0.30%	gamma-Curcumene	Sesquiterpene
33	32.67	30.87%	beta-Himachalene	Sesquiterpene
34	32.90	2.89%	alpha-Dehydro-ar-himachalene	Sesquiterpene
35	33.28	1.95%	delta-Cadinene	Sesquiterpene

