



**ESSENTIAL OIL**  
CEDARWOOD,  
ORGANIC

**BOTANICAL**  
**NAME**  
CEDRUS  
ATLANTICA

**ORIGIN**  
MOROCCO

Identification	DB-5 (%)	DB-WAX (%)
Mesityl oxide	0.01	0.01
$\alpha$ -Pinene	0.01	0.01
Limonene	0.01	0.01
Terpinolene	0.01*	
para-Cymenene	[0.01]*	tr
Linalool	0.01	0.01
Limona ketone	0.50	0.52
4-Hydroxy-4-methylcyclohex-2-enone	0.01	0.02
$\alpha$ ,4-Dimethyl-3-cyclohexene-1-methanol	0.03	
$\alpha$ ,4-Dimethyl-3-cyclohexene-1-methanol epimer	0.04	
Borneol	0.01	0.05*
4-Methylacetophenone	0.05	0.04
$\alpha$ -Terpineol	0.02	[0.05]*
$\alpha$ -Longipinene	0.07	0.07
$\alpha$ -Ylangene	0.07	0.03
Unknown	0.13	0.14
Sativene	0.20*	0.03
Unknown	[0.20]*	0.18
Longifolene	1.02*	0.56*
Sibirene	[1.02]*	0.51
$\alpha$ -Cedrene	0.06	[0.56]*
(Z?)-Vestitenone, or analog	0.08*	0.06
Unknown	[0.08]*	0.01
$\beta$ -Cedrene	0.04	0.03
Himachala-2,4-diene	0.50*	0.42
Unknown	[0.50]*	
Unknown	0.12	
Himachala-2,4-diene isomer	0.16	0.16
$\alpha$ -Himachalene	15.90*	15.46
(E)-Vestitenone	[15.90]*	0.46
Unknown	0.25	0.32
(E)- $\beta$ -Farnesene	0.22	9.44*
Unknown	0.52	0.41
Unknown	0.17	
$\gamma$ -Himachalene	9.29	[9.44]*
11- $\alpha$ H-Himachala-1,4-diene	1.87	1.62
Unknown	0.32	0.31
$\beta$ -Himachalene	45.23*	44.60
$\alpha$ -Muurolene	[45.23]*	0.23
(Z)- $\alpha$ -Bisabolene	[45.23]*	0.07
Cycloisolongifol-5-ol	[45.23]*	0.14
$\gamma$ -Cadinene	0.26	1.40*
$\alpha$ -Dehydro-ar-himachalene	0.82	0.77
$\delta$ -Cadinene	2.45*	[1.40]*
<i>trans</i> -Calamenene	[2.45]*	0.12
$\gamma$ -Dehydro-ar-himachalene	[2.45]*	0.78

Laboratoire  
**PhytoChemia**

RED SILK ESSENTIALS





LOT NUMBER 180956560  
CEDARWOOD, ORGANIC

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Unknown	0.53	0.66
10-epi-Cubebol?	0.19	0.63*
ar-Himachalene	0.36	0.35
$\alpha$ -Calacorene	0.64	0.59
(E)- $\alpha$ -Bisabolene	0.47	0.43
Unknown	0.22	0.26
(E)-Nerolidol	0.25	[0.63]*
Himachalene epoxide	0.57*	0.36
Unknown	[0.57]*	0.24*
Unknown	0.08	0.07
Longiborneol	0.36	0.36
$\beta$ -Himachalene oxide	0.78	0.79
Unknown	0.46	0.42
Unknown	0.18	0.24
1-epi-Cubenol	0.79*	[0.63]*
6-Methyl-6-meta-tolyl-heptan-2-one	[0.79]*	0.04
Unknown	0.17	
Unknown	0.05	
Himachalol	0.84	0.70
Allohimachalol	0.93	0.93
$\beta$ -Atlantone	0.17	[0.24]*
(E)-10,11-Dihydroatlantone	0.31	0.21
(Z)- $\gamma$ -Atlantone	2.62*	0.66
Deodarone epimer I	[2.62]*	1.43
Deodarone epimer II	[2.62]	0.98
(E)- $\gamma$ -Atlantone	0.78	0.72
(Z)- $\alpha$ -Atlantone	0.81	0.72
Unknown	0.15	
Unknown	0.12	
Unknown	0.05	
Unknown	0.14	
(E)- $\alpha$ -Atlantone	3.04	2.90
Unknown	0.20	
Unknown	0.05	0.04
Unknown	0.05	
Unknown	0.01	0.02
Himachalene isomer		0.80
<b>Total identified</b>	<b>92.84%</b>	<b>91.57%</b>

\*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken account in the identifier

tr: The compound has been detected below 0.005% of total signal.