



# Jade Bloom

Health, Healing, & Happiness®

**Date:** October 15, 2020

## **CERTIFICATE OF ANALYSIS - GC PROFILING**

**Sample identification:** Cedarwood Atlas - JB2124-583922

**Type:** Essential oil

**Source:** Cedrus deodara

**Country of Origin:** India

## **ANALYSIS**

**Method:** 10152018\_10:1split.m - Analysis of the composition of an essential oil, or other volatile liquid, by GC-FID, identifications validated by GC-MS.

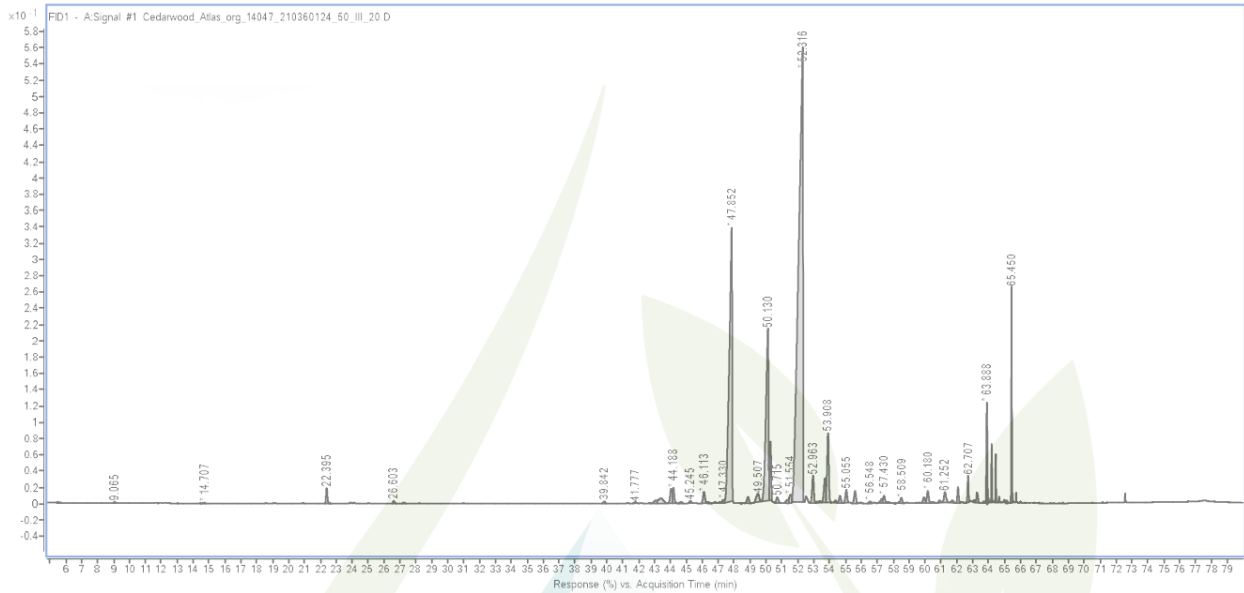
**Analysis date:** August 12, 2021

**Physical aspect:** Yellow liquid

## **CONCLUSION**

No adulterant, contaminant or diluent has been detected using this method

Peak	Compound	RT	Area Sum %
1	$\alpha$ -Pinene	8.953	0.03
2	Limonene	14.557	0.02
3	Limona ketone	22.228	0.49
4	4-Methylacetophenone	26.437	0.08
5	$\alpha$ -Terpineol	27.07	0.04
6	$\alpha$ -Longipinene	39.655	0.09
7	$\alpha$ -Ylangene	41.591	0.08
8	unknown	43.005	0.21
9	unknown	43.221	0.52
10	Longifolene	43.852	0.59
11	unknown	43.999	0.63
12	unknown	44.141	0.03
13	$\alpha$ -Cedrene	44.47	0.05
14	Vestitenone	45.064	0.11
15	Himachala-2,4-diene	45.916	0.49
16	unknown	46.176	0.05
17	unknown	46.617	0.06
18	unknown	46.9	0.07
19	unknown	47.137	0.16
20	$\alpha$ -Himachalene	47.633	18.3
21	unknown	48.683	0.31
22	unknown	49.307	0.58
23	$\gamma$ -Himachalene	49.914	10.35
24	Himachalene-1,4-diene	50.081	2.04
25	unknown	50.512	0.26
26	unknown	51.135	0.18
27	unknown	51.354	0.56
28	$\beta$ -Himachalene	52.075	46.31
29	unknown	52.298	0.29
30	$\alpha$ -Dehydro-ar-himachalene	52.753	1.1
31	unknown	53.2	0.15
32	unknown	53.502	1.06
33	$\delta$ -Cadinene	53.701	2.91
34	unknown	54.169	0.09
35	unknown	54.453	0.28
36	$\alpha$ -Calacorene	54.85	0.52
37	(E)- $\alpha$ -Bisabolene	55.413	0.52
38	unknown	55.752	0.06
39	unknown	56.347	0.06
40	unknown	57.073	0.15
41	Himachalene oxide	57.23	0.31
42	unknown	57.499	0.06
43	Longiborneol	58.307	0.18
44	$\beta$ -Himachalene oxide	59.735	0.33
45	unknown	59.973	0.52



**DISCLAIMER:**

The information contained in this Certificate of Analysis and/or GC/MS is obtained from current and reliable sources. Jade Bloom provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of Jade Bloom, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. Jade Bloom expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by Jade Bloom as to the fitness for any use. The liability Jade Bloom is limited to the value of the goods and does not include any consequential loss. Jade Bloom shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Jade Bloom shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. This document is computer automated and is valid without signature. This report may not be published, including online, without the written consent from Jade Bloom