



Jade Bloom

Health, Healing, & Happiness®

Date: June 13th, 2021

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Cedarwood Himalaya- JB2118-2343455

Type: Essential oil

Source: Cedrus deodara

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: June 09th, 2021

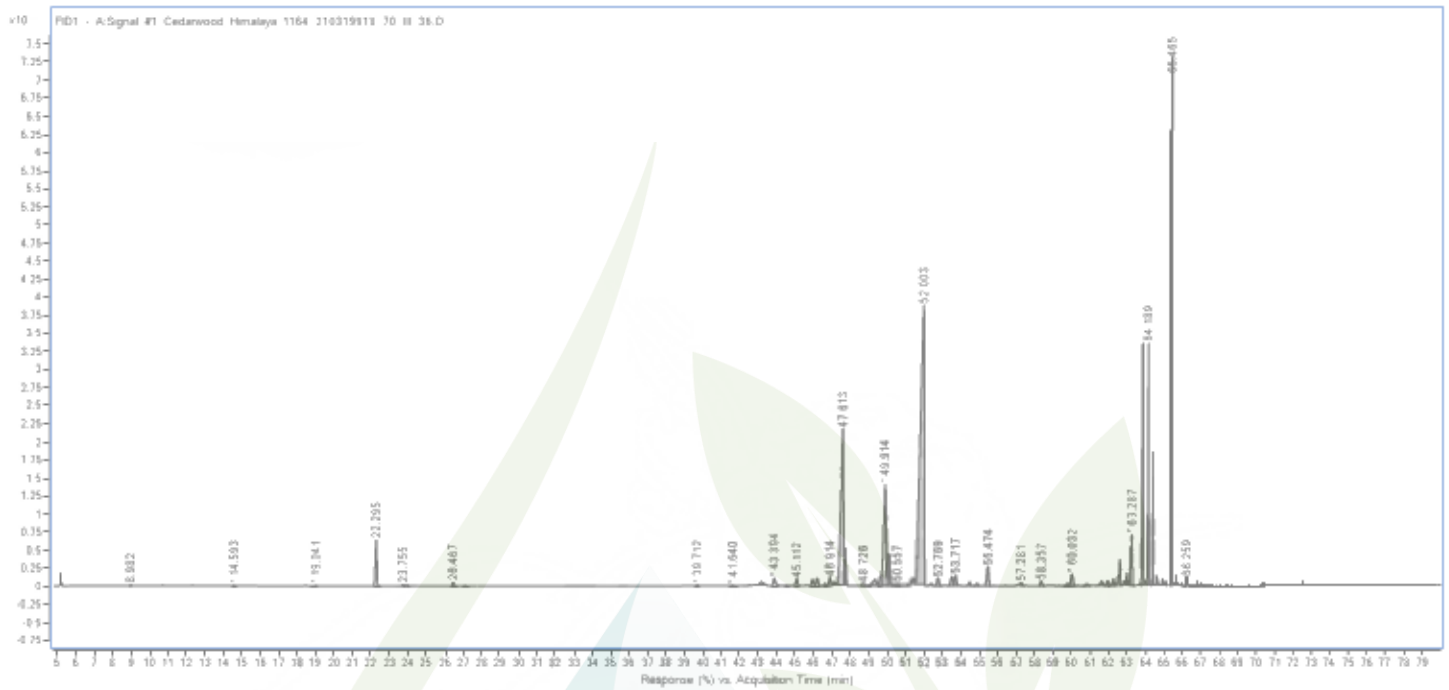
Physical aspect: Yellow liquid

CONCLUSION

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

| Peak | Compound | RT | Area Sum % |
|------|----------------------------------|--------|------------|
| 1 | α -Pinene | 8.982 | 0.04 |
| 2 | Limonene | 14.593 | 0.03 |
| 3 | p-Cymenene | 19.041 | 0.05 |
| 4 | Limona ketone | 22.295 | 2.16 |
| 5 | unknown | 23.755 | 0.08 |
| 6 | unknown | 23.967 | 0.07 |
| 7 | p-Acetyltoluene | 26.467 | 0.2 |
| 8 | α -Terpineol | 27.117 | 0.04 |
| 9 | α -Longipinene | 39.712 | 0.07 |
| 10 | α -Ylangene | 41.64 | 0.06 |
| 11 | unknown | 42.932 | 0.09 |
| 12 | unknown | 43.179 | 0.31 |
| 13 | unknown | 43.288 | 0.14 |
| 14 | Longifolene | 43.894 | 0.54 |
| 15 | α -Cedrene | 44.53 | 0.05 |
| 16 | unknown | 45.112 | 0.39 |
| 17 | Himachala-2,4-diene | 45.959 | 0.4 |
| 18 | unknown | 46.222 | 0.47 |
| 19 | unknown | 46.642 | 0.12 |
| 20 | unknown | 46.914 | 0.41 |
| 21 | unknown | 47.152 | 0.18 |
| 22 | α -Himachalene | 47.613 | 12.4 |
| 23 | unknown | 47.739 | 1.69 |
| 24 | unknown | 48.726 | 0.2 |
| 25 | (E)- β -Farnesene | 49.047 | 0.05 |
| 26 | unknown | 49.353 | 0.57 |
| 27 | unknown | 49.688 | 0.47 |
| 28 | γ -Himachalene | 49.914 | 7.22 |
| 29 | Himachalene-1,4-diene | 50.097 | 1.54 |
| 30 | unknown | 50.557 | 0.16 |
| 31 | β -Himachalene | 52.003 | 31.31 |
| 32 | unknown | 52.417 | 0.07 |
| 33 | α -Dehydro-ar-himachalene | 52.769 | 0.45 |
| 34 | unknown | 53.518 | 0.55 |
| 35 | γ -Dehydro-ar-himachalene | 53.717 | 0.59 |
| 36 | unknown | 54.482 | 0.2 |
| 37 | α -Calacorene | 54.88 | 0.16 |
| 38 | (E)- α -Bisabolene | 55.474 | 1.17 |
| 39 | Oxidohimachalene | 57.281 | 0.17 |
| 40 | unknown | 58.357 | 0.29 |
| 41 | β -Himachalene oxide | 59.797 | 0.16 |

| | | | |
|----|--------------------------|--------|---------------|
| 42 | unknown | 60.032 | 0.75 |
| 43 | Himachalol | 60.852 | 0.12 |
| 44 | Allohimachalol | 61.632 | 0.28 |
| 45 | unknown | 61.971 | 0.26 |
| 46 | unknown | 62.287 | 0.28 |
| 47 | unknown | 62.637 | 0.89 |
| 48 | unknown | 63.007 | 0.37 |
| 49 | unknown | 63.287 | 2.45 |
| 50 | (Z)- γ -Atlantone | 63.879 | 6.93 |
| 51 | (E)- γ -Atlantone | 64.189 | 5.79 |
| 52 | (Z)- α -Atlantone | 64.429 | 2.67 |
| 53 | unknown | 64.633 | 0.26 |
| 54 | unknown | 64.945 | 0.16 |
| 55 | unknown | 65.122 | 0.09 |
| 56 | (E)- α -Atlantone | 65.465 | 12.9 |
| 57 | unknown | 65.707 | 0.15 |
| 58 | unknown | 65.958 | 0.08 |
| 59 | unknown | 66.259 | 0.11 |
| 60 | unknown | 66.848 | 0.06 |
| 61 | unknown | 67.07 | 0.04 |
| 62 | unknown | 67.166 | 0.02 |
| | Total identified | | 87.57% |



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