



Jade Bloom

Health, Healing, & Happiness®

Date: December 11th, 2020

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Lemon Eucalyptus - JB2060-000999

Type: Essential oil

Source: Eucalyptus Citriodora

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: December 10th, 2020

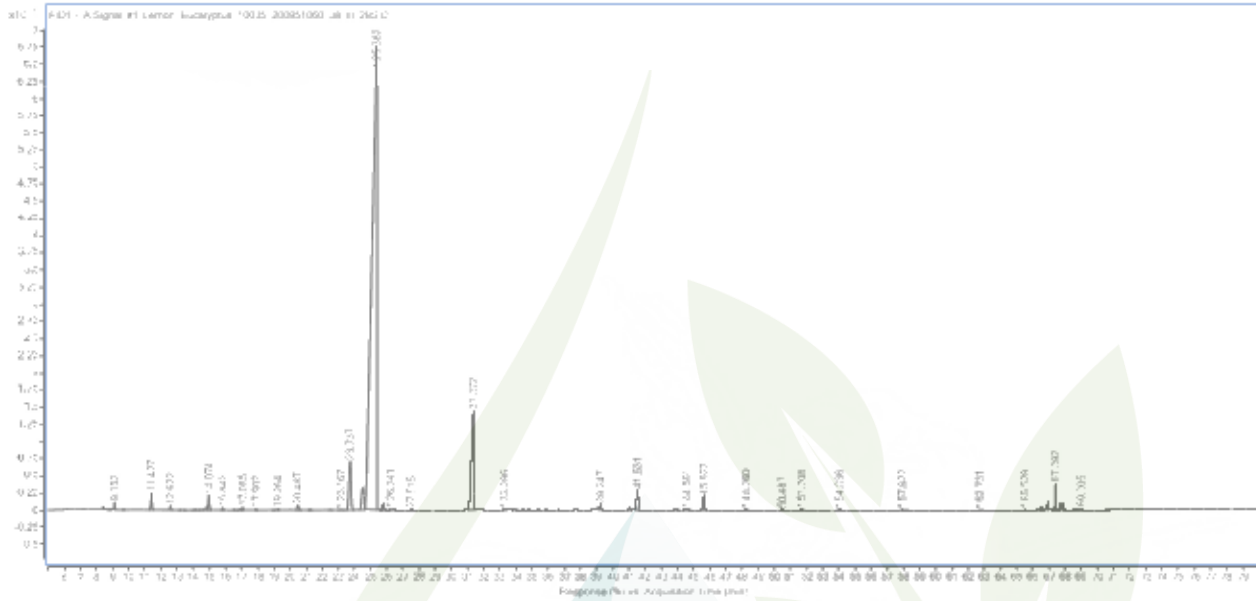
Physical aspect: Clear liquid

CONCLUSION

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

| Peak | Compound | RT | Area Sum % |
|------|--|--------|------------|
| 1 | (3Z)-Hexenol | 8.448 | 0.08 |
| 2 | α -Thujene | 8.893 | 0.02 |
| 3 | α -Pinene | 9.152 | 0.23 |
| 4 | unknown | 9.709 | 0.02 |
| 5 | β -Pinene | 11.427 | 0.69 |
| 6 | Myrcene | 12.622 | 0.15 |
| 7 | α -Phellandrene | 13.23 | 0.01 |
| 8 | Octanal | 13.504 | 0.01 |
| 9 | α -Terpinene | 14.063 | 0.02 |
| 10 | unknown | 14.19 | 0.03 |
| 11 | unknown | 14.423 | 0.02 |
| 12 | p-Cymene | 14.616 | 0.02 |
| 13 | Limonene | 14.861 | 0.14 |
| 14 | 1,8-Cineole | 14.974 | 0.66 |
| 15 | (Z)- β -Ocimene | 15.842 | 0.09 |
| 16 | (E)- β -Ocimene | 16.543 | 0.04 |
| 17 | 3,5,5-Trimethyl-2-cyclohexen-1-ol (Isophorol) | 16.752 | 0.01 |
| 18 | 2,6-Dimethyl-5-heptenal (Melonal) | 16.936 | 0.08 |
| 19 | γ -Terpinene | 17.085 | 0.11 |
| 20 | p-Mentha-3,8-diene | 17.907 | 0.05 |
| 21 | Terpinolene isomer | 19.007 | 0.01 |
| 22 | α -Terpinolene | 19.264 | 0.08 |
| 23 | Linalool | 20.487 | 0.3 |
| 24 | cis-Rose oxide | 21.232 | 0.05 |
| 25 | trans-Rose oxide | 22.487 | 0.02 |
| 26 | unknown | 23.167 | 0.05 |
| 27 | neo-isopulegol | 23.737 | 4.02 |
| 28 | Isopulegol | 24.518 | 1.93 |
| 29 | Citronellal | 25.382 | 77.89 |
| 30 | α -Phellandrene-8-ol | 25.776 | 0.25 |
| 31 | trans-Isopulegone | 26.241 | 0.07 |
| 32 | Terpinen-4-ol | 26.382 | 0.05 |
| 33 | α -Terpineol | 27.515 | 0.06 |
| 34 | Citronellol | 31.372 | 8.55 |
| 35 | Chavicol | 33.296 | 0.04 |
| 36 | Methyl citronellate | 33.925 | 0.04 |
| 37 | 8-Hydroxyneomenthol | 39.247 | 0.3 |
| 38 | 8-hydroxymenthol | 41.027 | 0.16 |
| 39 | Citronellol acetate | 41.531 | 1.15 |
| 40 | β -Elemene | 43.875 | 0.05 |
| 41 | Phenethyl isobutyrate | 44.561 | 0.12 |
| 42 | β -Caryophyllene | 45.627 | 0.86 |

| | | | |
|----|-------------------------|--------|---------------|
| 43 | α -Humulene | 48.26 | 0.06 |
| 44 | Germacrene D | 50.487 | 0.04 |
| 45 | Bicyclogermacrene | 51.708 | 0.06 |
| 46 | δ -Cadinene | 54.036 | 0.04 |
| 47 | Caryophyllene oxide | 57.922 | 0.04 |
| 48 | unknown | 62.731 | 0.01 |
| 49 | unknown | 65.529 | 0.01 |
| 50 | unknown | 66.519 | 0.08 |
| 51 | unknown | 66.904 | 0.19 |
| 52 | unknown | 66.962 | 0.04 |
| 53 | unknown | 66.996 | 0.02 |
| 54 | unknown | 67.392 | 0.38 |
| 55 | unknown | 67.502 | 0.02 |
| 56 | unknown | 67.672 | 0.12 |
| 57 | unknown | 67.754 | 0.1 |
| 58 | unknown | 67.867 | 0.12 |
| 59 | unknown | 68.554 | 0.01 |
| 60 | unknown | 68.607 | 0.02 |
| 61 | unknown | 68.697 | 0.04 |
| 62 | unknown | 69.005 | 0.04 |
| | Total identified | | 98.68% |



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