

Date : October 21, 2020

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 20J16-PTH09


Customer identification : Tea Tree - Australia - T2010999R

Type : Essential oil

Source : *Melaleuca alternifolia* ct. Terpinen-4-ol

Customer : Plant Therapy


ANALYSIS

Method: PC-MAT-014  - Analysis of the composition of an essential oil or other volatile liquid by FAST GC-FID (in French); identifications validated by GC-MS.

Analyst : Sylvain Mercier, M. Sc., Chimiste

Analysis date : October 21, 2020

Checked and approved by :


Alexis St-Gelais, M. Sc., chimiste 2013-174

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PHYSICOCHEMICAL DATA

Physical aspect: Clear liquid

Refractive index: 1.4777 ± 0.0003 (20 °C; method PC-MAT-016)

ISO 4730:2017 - TEA TREE OIL

| Compound | Min. % | Max. % | Observed % | Complies? |
|-------------------------|--------|--------|------------|-----------|
| Viridiflorol | tr | 1.0 | 0.1 | Yes |
| Globulol | tr | 1.0 | 0.2 | Yes |
| δ-Cadinene | 0.2 | 3.0 | 1.0 | Yes |
| Viridiflorene | 0.1 | 3.0 | 0.9 | Yes |
| Aromadendrene | 0.2 | 3.0 | 1.0 | Yes |
| α-Terpineol | 2.0 | 5.0 | 2.9 | Yes |
| Terpinen-4-ol | 35.0 | 48.0 | 42.6 | Yes |
| Terpinolene | 1.5 | 5.0 | 3.3 | Yes |
| γ-Terpinene | 14.0 | 28.0 | 20.1 | Yes |
| 1,8-Cineole | tr | 10.0 | 2.3 | Yes |
| para-Cymene | 0.5 | 8.0 | 2.6 | Yes |
| Limonene | 0.5 | 1.5 | 0.8 | Yes |
| α-Terpinene | 6.0 | 12.0 | 9.1 | Yes |
| Sabinene | tr | 3.5 | 0.1 | Yes |
| α-Pinene | 1.0 | 4.0 | 2.4 | Yes |
| Refractive index | 1.4750 | 1.4820 | 1.4777 | Yes |

CONCLUSION

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

ANALYSIS SUMMARY – CONSOLIDATED CONTENTS

New readers of similar reports are encouraged to read table footnotes at least once.

| Identification | % | Class |
|------------------------------------|-------|----------------------|
| Ethanol | 0.12 | Aliphatic alcohol |
| Isobutyral | 0.03 | Aliphatic aldehyde |
| Ethyl acetate | 0.01 | Aliphatic ester |
| Isobutanol | tr | Aliphatic alcohol |
| Isovaleral | tr | Aliphatic aldehyde |
| 2-Methylbutyral | 0.02 | Aliphatic aldehyde |
| Isoamyl alcohol | tr | Aliphatic alcohol |
| 2-Methylbutanol | tr | Aliphatic alcohol |
| (3Z)-Hexenol | 0.03 | Aliphatic alcohol |
| Hexanol | 0.01 | Aliphatic alcohol |
| α -Thujene | 0.85 | Monoterpene |
| α -Pinene | 2.40 | Monoterpene |
| Camphene | 0.01 | Monoterpene |
| α -Fenchene | tr | Monoterpene |
| β -Pinene | 0.70 | Monoterpene |
| Sabinene | 0.10 | Monoterpene |
| 3-Methyl-3-cyclohexenone | 0.01 | Aliphatic ketone |
| Myrcene | 0.80 | Monoterpene |
| Pseudolimonene | 0.01 | Monoterpene |
| α -Phellandrene | 0.44 | Monoterpene |
| (3Z)-Hexenyl acetate | 0.01 | Aliphatic ester |
| α -Terpinene | 9.12 | Monoterpene |
| Carvomenthene | 0.01 | Aliphatic alcohol |
| para-Cymene | 2.56 | Monoterpene |
| Limonene | 0.83 | Monoterpene |
| 1,8-Cineole | 2.28 | Monoterpenic ether |
| β -Phellandrene | 0.76 | Monoterpene |
| (Z)- β -Ocimene | tr | Monoterpene |
| (E)- β -Ocimene | 0.02 | Monoterpene |
| γ -Terpinene | 20.10 | Monoterpene |
| cis-Sabinene hydrate | 0.04 | Monoterpenic alcohol |
| Terpinolene | 3.26 | Monoterpene |
| para-Cymenene | 0.06 | Monoterpene |
| trans-Sabinene hydrate | 0.03 | Monoterpenic alcohol |
| Linalool | 0.06 | Monoterpenic alcohol |
| Unknown | tr | Monoterpenic alcohol |
| endo-Fenchol | 0.02 | Monoterpenic alcohol |
| cis-para-Menth-2-en-1-ol | 0.18 | Monoterpenic alcohol |
| 4-Hydroxy-4-methylcyclohex-2-enone | 0.02 | Aliphatic alcohol |
| Cosmene isomer I | 0.02 | Monoterpene |
| trans-para-Menth-2-en-1-ol | 0.10 | Monoterpenic alcohol |
| Camphene hydrate | 0.01 | Monoterpenic alcohol |
| Unknown | 0.03 | Unknown |
| δ -Terpineol | 0.01 | Monoterpenic alcohol |
| Terpinen-4-ol | 42.59 | Monoterpenic alcohol |

| | | |
|-------------------------------------|------|------------------------|
| Dill ether | 0.01 | Monoterpenic ether |
| para-Cymen-8-ol | 0.09 | Monoterpenic alcohol |
| α -Terpineol | 2.95 | Monoterpenic alcohol |
| <i>cis</i> -Piperitol | 0.05 | Monoterpenic alcohol |
| <i>trans</i> -Piperitol | 0.12 | Monoterpenic alcohol |
| endo-Fenchyl acetate | 0.01 | Monoterpenic ester |
| exo-2-Hydroxycineole | 0.02 | Monoterpenic alcohol |
| Nerol | 0.02 | Monoterpenic alcohol |
| Unknown | 0.02 | Oxygenated monoterpene |
| Piperitone | 0.04 | Monoterpenic ketone |
| <i>cis</i> -Carvenone oxide? | 0.01 | Monoterpenic ketone |
| <i>trans</i> -Ascaridole glycol | 0.05 | Monoterpenic alcohol |
| <i>cis</i> -Ascaridole glycol | 0.05 | Monoterpenic alcohol |
| Thymol | 0.02 | Monoterpenic alcohol |
| Carvacrol | 0.02 | Monoterpenic alcohol |
| Unknown | 0.05 | Monoterpenic alcohol |
| Bicycloelemene | 0.01 | Sesquiterpene |
| α -Cubebene | 0.06 | Sesquiterpene |
| Isoledene | 0.06 | Sesquiterpene |
| α -Copaene | 0.10 | Sesquiterpene |
| 7-Cubebene | 0.05 | Sesquiterpene |
| 7-Cubebene epimer? | 0.02 | Aliphatic alcohol |
| β -Cubebene | 0.02 | Sesquiterpene |
| β -Elemene | 0.02 | Sesquiterpene |
| Unknown | 0.02 | Sesquiterpene |
| α -Gurjunene | 0.31 | Sesquiterpene |
| Methyleugenol | 0.03 | Phenylpropanoid |
| β -Maaliene | 0.02 | Sesquiterpene |
| β -Caryophyllene | 0.32 | Sesquiterpene |
| γ -Maaliene | 0.07 | Sesquiterpene |
| α -Maaliene | 0.07 | Sesquiterpene |
| Aromadendrene | 1.03 | Sesquiterpene |
| Selina-5,11-diene | 0.13 | Sesquiterpene |
| <i>trans</i> -Muurolo-3,5-diene | 0.10 | Sesquiterpene |
| α -Humulene | 0.08 | Sesquiterpene |
| allo-Aromadendrene | 0.46 | Sesquiterpene |
| Valerena-4,7(11)-diene | 0.04 | Sesquiterpene |
| γ -Gurjunene | 0.05 | Sesquiterpene |
| <i>trans</i> -Cadina-1(6),4-diene | 0.28 | Sesquiterpene |
| Selina-4,11-diene | 0.03 | Sesquiterpene |
| γ -Muurolole | 0.01 | Sesquiterpene |
| Germacrene D | 0.01 | Sesquiterpene |
| β -Selinene | 0.09 | Sesquiterpene |
| allo-Aromadendr-9-ene | 0.09 | Sesquiterpene |
| <i>trans</i> -Muurolo-4(15),5-diene | 0.06 | Sesquiterpene |
| δ -Selinene | 0.10 | Sesquiterpene |
| α -Selinene | 0.10 | Sesquiterpene |
| Bicyclogermacrene | 0.41 | Sesquiterpene |
| Viridiflorene | 0.86 | Sesquiterpene |
| Epizonarene | 0.01 | Sesquiterpene |
| α -Muurolole | 0.14 | Sesquiterpene |
| γ -Cadinene | 0.04 | Sesquiterpene |

| | | |
|--------------------------------|---------------|--------------------------|
| <i>trans</i> -Calamenene | 0.10 | Sesquiterpene |
| δ -Cadinene | 0.95 | Sesquiterpene |
| Zonarene | 0.22 | Sesquiterpene |
| <i>trans</i> -Cadina-1,4-diene | 0.16 | Sesquiterpene |
| α -Calacorene | 0.02 | Sesquiterpene |
| Epiglobulol | 0.06 | Sesquiterpenic alcohol |
| Eudesma-5,7(11)-diene | 0.01 | Sesquiterpene |
| Maaliol | 0.03 | Sesquiterpenic alcohol |
| Unknown | 0.01 | Oxygenated sesquiterpene |
| Palustrol | 0.05 | Sesquiterpenic alcohol |
| Unknown | 0.01 | Oxygenated sesquiterpene |
| Spathulenol | 0.07 | Sesquiterpenic alcohol |
| Globulol | 0.24 | Sesquiterpenic alcohol |
| Gleenol | 0.02 | Sesquiterpenic alcohol |
| Viridiflorol | 0.13 | Sesquiterpenic alcohol |
| Cubeban-11-ol | 0.10 | Sesquiterpenic alcohol |
| Ledol | 0.04 | Sesquiterpenic alcohol |
| Eudesm-5-en-11-ol analog | 0.07 | Sesquiterpenic alcohol |
| Eudesm-5-en-11-ol | 0.01 | Sesquiterpenic alcohol |
| 10-epi-Cubenol | 0.01 | Sesquiterpenic alcohol |
| Rosifoliol | 0.10 | Sesquiterpenic alcohol |
| 1-epi-Cubenol | 0.14 | Sesquiterpenic alcohol |
| Isospathulenol | 0.05 | Sesquiterpenic alcohol |
| Cubenol | 0.08 | Sesquiterpenic alcohol |
| α -Muurolol | 0.03 | Sesquiterpenic alcohol |
| α -Cadinol | 0.01 | Sesquiterpenic alcohol |
| Consolidated total | 99.21% | |

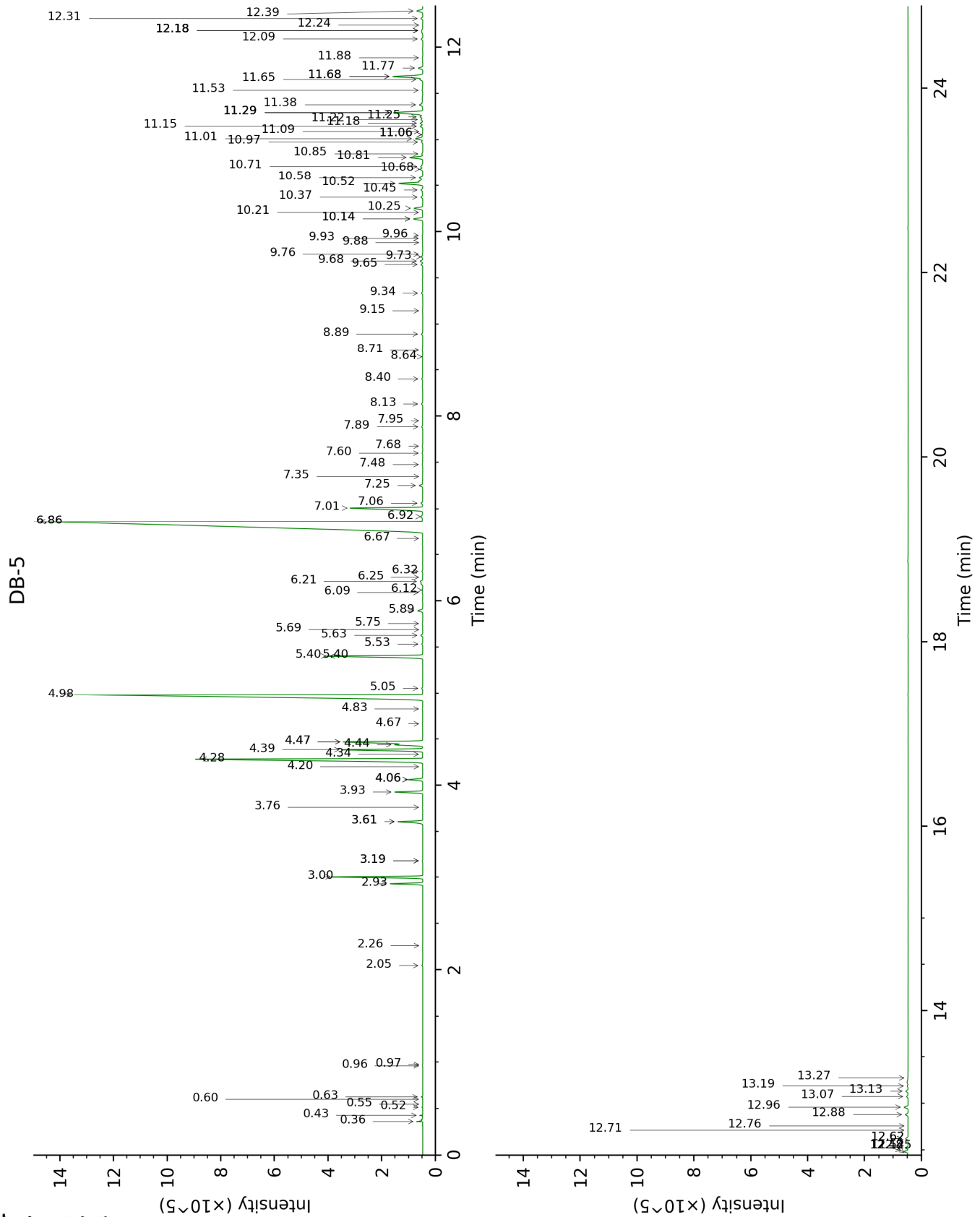
tr: The compound has been detected below 0.005% of total signal.

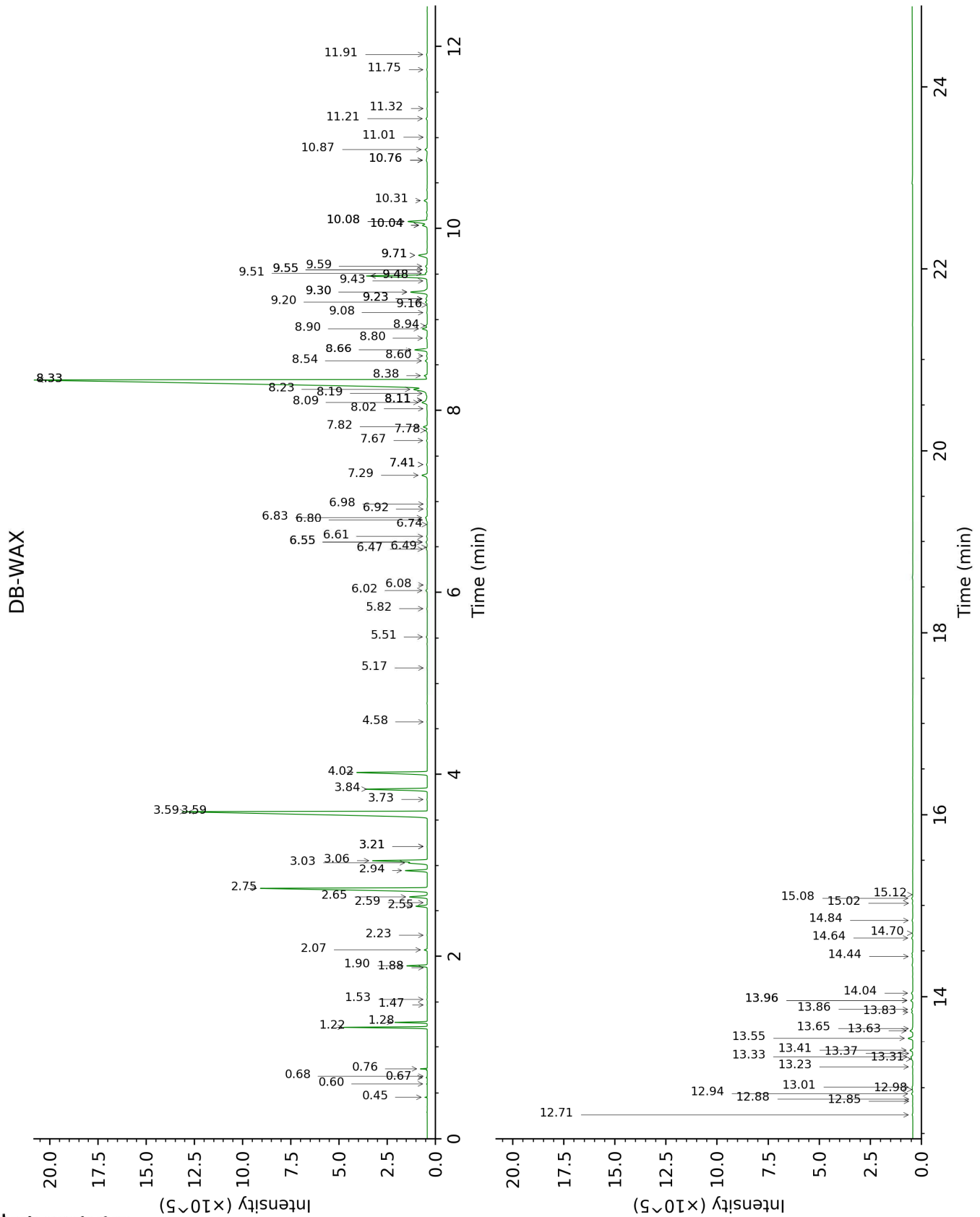
Note: no correction factor was applied

About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm is set to prioritize data from the most standard DB-5 column, and smallest values so as to avoid overestimating individual content. This process is semi-automatic. Advanced users are invited to consult the "Full analysis data" table after the chromatograms in this report to access the full untreated data and perform their own calculations if needed.

Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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FULL ANALYSIS DATA

| Identification | Column DB-5 | | | Column DB-WAX | | |
|---|-------------|------|--------|---------------|------|---------|
| | R.T | R.I | % | R.T | R.I | % |
| Ethanol | 0.36 | 506 | 0.12 | 0.76 | 909 | 0.12 |
| Isobutyral | 0.43 | 536 | 0.03 | 0.45 | 782 | 0.03 |
| Ethyl acetate | 0.52 | 609 | 0.01 | 0.60 | 853 | 0.01 |
| Isobutanol | 0.55 | 622 | tr | 1.88 | 1064 | tr |
| Isovaleral | 0.60 | 642 | tr | 0.68 | 888 | tr |
| 2-Methylbutyral | 0.63 | 652 | 0.02 | 0.67 | 882 | 0.02 |
| Isoamyl alcohol | 0.96 | 734 | tr | 3.21* | 1181 | 0.01 |
| 2-Methylbutanol | 0.97 | 736 | tr | 3.21* | 1181 | [0.01] |
| (3Z)-Hexenol | 2.05 | 856 | 0.03 | 5.51 | 1350 | 0.04 |
| Hexanol | 2.26 | 874 | 0.01 | 5.17 | 1325 | 0.01 |
| α -Thujene | 2.93 | 925 | 0.85 | 1.28 | 1001 | 0.85 |
| α -Pinene | 3.00 | 930 | 2.40 | 1.22 | 993 | 2.40 |
| Camphene | 3.19* | 942 | 0.02 | 1.53 | 1027 | 0.01 |
| α -Fenchene | 3.19* | 942 | [0.02] | 1.47 | 1021 | tr |
| β -Pinene | 3.61* | 971 | 0.80 | 1.90 | 1066 | 0.70 |
| Sabinene | 3.61* | 971 | [0.80] | 2.07 | 1084 | 0.10 |
| 3-Methyl-3-cyclohexenone | 3.76 | 981 | 0.01 | 5.82 | 1372 | 0.02 |
| Myrcene | 3.93 | 992 | 0.80 | 2.65 | 1135 | 0.80 |
| Pseudolimonene | 4.06* | 1001 | 0.45 | 2.59 | 1130 | 0.01 |
| α -Phellandrene | 4.06* | 1001 | [0.45] | 2.55 | 1127 | 0.44 |
| (3Z)-Hexenyl acetate | 4.20 | 1010 | 0.01 | 4.58 | 1285 | 0.01 |
| α -Terpinene | 4.28 | 1015 | 9.12 | 2.74 | 1143 | 9.12 |
| Carvomenthene | 4.34 | 1018 | 0.01 | 2.23 | 1101 | 0.01 |
| para-Cymene | 4.39 | 1022 | 2.56 | 3.84 | 1230 | 2.56 |
| Limonene | 4.44 | 1025 | 0.83 | 2.94 | 1159 | 0.85 |
| 1,8-Cineole | 4.47* | 1027 | 3.05 | 3.06 | 1168 | 2.28 |
| β -Phellandrene | 4.47* | 1027 | [3.05] | 3.03 | 1166 | 0.76 |
| (Z)- β -Ocimene | 4.66 | 1039 | tr | 3.59* | 1211 | 20.07 |
| (E)- β -Ocimene | 4.82 | 1050 | 0.02 | 3.73 | 1221 | 0.01 |
| γ -Terpinene | 4.98 | 1059 | 20.10 | 3.59* | 1211 | [20.07] |
| cis-Sabinene hydrate | 5.06 | 1064 | 0.04 | 6.61 | 1431 | 0.04 |
| Terpinolene | 5.40* | 1086 | 3.32 | 4.02 | 1243 | 3.26 |
| para-Cymenene | 5.40* | 1086 | [3.32] | 6.02 | 1387 | 0.06 |
| trans-Sabinene hydrate | 5.53 | 1094 | 0.03 | 7.67 | 1511 | 0.03 |
| Linalool | 5.63 | 1100 | 0.06 | 7.78 | 1519 | 0.07 |
| Unknown [m/z 119, 109 (94), 43 (61), 95 (56), 91 (48), 77 (32), 152 (32), 137 (31), 134 (24)] | 5.69 | 1104 | tr | 8.11*† | 1545 | [0.39] |
| endo-Fenchol | 5.75 | 1108 | 0.02 | 8.02 | 1538 | 0.02 |
| cis-para-Menth-2-en-1-ol | 5.89 | 1118 | 0.18 | 7.82 | 1522 | 0.18 |

| | | | | | | |
|---|-------|------|---------|--------|------|--------|
| 4-Hydroxy-4-methylcyclohex-2-enone | 6.09 | 1130 | 0.02 | 13.65 | 2025 | 0.02 |
| Cosmene isomer I | 6.12 | 1132 | 0.02 | 6.08 | 1391 | 0.01 |
| <i>trans</i> -para-Menth-2-en-1-ol | 6.21 | 1138 | 0.10 | 8.66* | 1588 | 0.60 |
| Camphene hydrate | 6.25 | 1141 | 0.01 | 8.11*† | 1545 | [0.39] |
| Unknown [m/z 109, 124 (45), 119 (41), 43 (35), 91 (28), 95 (25)...] | 6.32 | 1145 | 0.03 | 6.55* | 1426 | 0.07 |
| δ-Terpineol | 6.67 | 1168 | 0.01 | 9.16 | 1628 | 0.01 |
| Terpinen-4-ol | 6.86* | 1180 | 42.76 | 8.33* | 1562 | 42.66 |
| Dill ether | 6.86* | 1180 | [42.76] | 6.98 | 1458 | 0.01 |
| para-Cymen-8-ol | 6.92 | 1184 | 0.09 | 11.21 | 1801 | 0.06 |
| α-Terpineol | 7.01 | 1190 | 2.95 | 9.48* | 1655 | 3.03 |
| <i>cis</i> -Piperitol | 7.06 | 1193 | 0.05 | 9.23* | 1634 | 0.08 |
| <i>trans</i> -Piperitol | 7.25 | 1206 | 0.12 | 10.08* | 1704 | 1.07 |
| endo-Fenchyl acetate | 7.35 | 1212 | 0.01 | 6.49 | 1422 | 0.01 |
| exo-2-Hydroxycineole | 7.48 | 1221 | 0.02 | 11.32 | 1810 | 0.02 |
| Nerol | 7.60 | 1229 | 0.02 | 10.76* | 1762 | 0.11 |
| Unknown [m/z 137, 152 (28), 43 (25), 91 (24), 109 (23), 119 (19)] | 7.68 | 1234 | 0.02 | 11.01 | 1783 | 0.01 |
| Piperitone | 7.89 | 1248 | 0.04 | 9.55* | 1660 | 0.05 |
| <i>cis</i> -Carvenone oxide? | 7.95 | 1253 | 0.01 | | | |
| <i>trans</i> -Ascaridole glycol | 8.13 | 1265 | 0.05 | 13.83 | 2042 | 0.06 |
| <i>cis</i> -Ascaridole glycol | 8.40 | 1284 | 0.05 | 14.44 | 2102 | 0.04 |
| Thymol | 8.64 | 1300 | 0.02 | 14.70 | 2128 | 0.03 |
| Carvacrol | 8.72 | 1305 | 0.02 | 15.02 | 2160 | 0.02 |
| Unknown [m/z 97, 112 (92), 83 (62), 43 (44), 41 (25)... 170? (4)] | 8.89 | 1314 | 0.05 | 14.64 | 2122 | 0.06 |
| Bicycloelemene | 9.15 | 1332 | 0.01 | 6.74 | 1440 | 0.01 |
| α-Cubebene | 9.34 | 1346 | 0.06 | 6.47 | 1420 | 0.06 |
| Isoledene | 9.65 | 1368 | 0.06 | 6.55* | 1426 | [0.07] |
| α-Copaene | 9.68 | 1370 | 0.10 | 6.83 | 1447 | 0.10 |
| 7-Cubebene | 9.73 | 1374 | 0.05 | 6.80 | 1445 | 0.05 |
| 7-Cubebene epimer? | 9.76 | 1376 | 0.02 | 6.92 | 1454 | 0.02 |
| β-Cubebene | 9.88 | 1384 | 0.02 | 7.41* | 1490 | 0.04 |
| β-Elemene | 9.93 | 1388 | 0.02 | 8.11*† | 1545 | [0.39] |
| Unknown [m/z 93, 122 (98), 161 (98), | 9.96 | 1390 | 0.02 | | | |

| | | | | | | |
|---|--------|------|--------|--------|------|---------|
| 107 (86), 95 (46), 105 (72)... 204 (34)] | | | | | | |
| α-Gurjunene | 10.14* | 1403 | 0.34 | 7.29 | 1482 | 0.31 |
| Methyleugenol | 10.14* | 1403 | [0.34] | 12.98 | 1961 | 0.03 |
| β-Maaliene | 10.21 | 1408 | 0.02 | 7.41* | 1490 | [0.04] |
| β-Caryophyllene | 10.25 | 1411 | 0.32 | 8.09† | 1543 | 0.39 |
| γ-Maaliene | 10.37 | 1420 | 0.07 | 8.19 | 1551 | 0.07 |
| α-Maaliene | 10.45 | 1426 | 0.07 | 8.33* | 1562 | [42.66] |
| Aromadendrene | 10.52 | 1431 | 1.03 | 8.23 | 1554 | 0.94 |
| Selina-5,11-diene | 10.58 | 1436 | 0.13 | 8.38 | 1566 | 0.13 |
| <i>trans</i> -Muuroala-3,5- diene | 10.68 | 1443 | 0.10 | 8.54 | 1579 | 0.09 |
| α-Humulene | 10.71 | 1445 | 0.08 | 8.94 | 1610 | 0.07 |
| allo- Aromadendrene | 10.81 | 1453 | 0.46 | 8.66* | 1588 | [0.60] |
| Valerena-4,7(11)- diene | 10.85 | 1456 | 0.04 | 8.60 | 1583 | 0.03 |
| γ-Gurjunene | 10.98 | 1465 | 0.05 | 8.80 | 1599 | 0.05 |
| <i>trans</i> -Cadina- 1(6),4-diene | 11.01 | 1468 | 0.28 | 8.90 | 1607 | 0.23 |
| Selina-4,11-diene | 11.06* | 1471 | 0.03 | 9.08 | 1622 | 0.03 |
| γ-Murolene | 11.06* | 1471 | [0.03] | 9.23* | 1634 | [0.08] |
| Germacrene D | 11.09 | 1474 | 0.01 | 9.43 | 1650 | 0.03 |
| β-Selinene | 11.15 | 1478 | 0.09 | 9.51 | 1657 | 0.09 |
| allo-Aromadendr- 9-ene | 11.18 | 1480 | 0.09 | 9.20 | 1631 | 0.09 |
| <i>trans</i> -Muuroala- 4(15),5-diene | 11.22 | 1483 | 0.06 | 9.48* | 1655 | [3.03] |
| δ-Selinene | 11.25 | 1485 | 0.10 | 9.30* | 1640 | 0.96 |
| α-Selinene | 11.29* | 1489 | 1.31 | 9.59 | 1663 | 0.10 |
| Bicyclogermacrene | 11.29* | 1489 | [1.31] | 9.71* | 1673 | 0.55 |
| Viridiflorene | 11.29* | 1489 | [1.31] | 9.30* | 1640 | [0.96] |
| Epizonarene | 11.29* | 1489 | [1.31] | 9.55* | 1660 | [0.05] |
| α-Murolene | 11.38 | 1495 | 0.14 | 9.71* | 1673 | [0.55] |
| γ-Cadinene | 11.53 | 1507 | 0.04 | 10.04* | 1700 | 0.25 |
| <i>trans</i> -Calamenene | 11.65 | 1516 | 0.10 | 10.87 | 1772 | 0.11 |
| δ-Cadinene | 11.68* | 1519 | 1.18 | 10.08* | 1704 | [1.07] |
| Zonarene | 11.68* | 1519 | [1.18] | 10.04* | 1700 | [0.25] |
| <i>trans</i> -Cadina-1,4- diene | 11.77 | 1526 | 0.16 | 10.31 | 1723 | 0.15 |
| α-Calacorene | 11.88 | 1535 | 0.02 | 11.75 | 1848 | 0.03 |
| Epiglobulol | 12.09 | 1551 | 0.06 | 12.94 | 1957 | 0.06 |
| Eudesma-5,7(11)- diene | 12.18* | 1558 | 0.09 | 10.76* | 1762 | [0.11] |
| Maaliol | 12.18* | 1558 | [0.09] | 12.70 | 1936 | 0.03 |
| Unknown [m/z 161, 109 (98), 82 (93), 43 (72), 105 (68), 93 (59), 69 (56), 119 (55)... 222 (7)] | 12.18* | 1558 | [0.09] | 12.88 | 1952 | 0.01 |
| Palustrol | 12.18* | 1558 | [0.09] | 11.91 | 1863 | 0.05 |

| | | | | | | |
|--|---------------|------|--------|---------------|------|--------|
| Unknown [m/z 107, 163 (88), 59 (60), 93 (49), 43 (47), 81 (46... 204 (5)...] | 12.24 | 1563 | 0.01 | 12.85 | 1949 | 0.01 |
| Spathulenol | 12.31 | 1568 | 0.07 | 14.04 | 2063 | 0.07 |
| Globulol | 12.39 | 1575 | 0.24 | 13.55 | 2015 | 0.23 |
| Gleenol | 12.45 | 1579 | 0.02 | 13.23 | 1984 | 0.03 |
| Viridiflorol | 12.48 | 1582 | 0.13 | 13.63 | 2023 | 0.14 |
| Cubeban-11-ol | 12.52 | 1585 | 0.10 | 13.33† | 1994 | [0.16] |
| Ledol | 12.62* | 1593 | 0.09 | 13.01 | 1964 | 0.04 |
| Eudesm-5-en-11-ol analog | 12.62* | 1593 | [0.09] | 13.86 | 2045 | 0.07 |
| Eudesm-5-en-11-ol | 12.71 | 1600 | 0.01 | 13.96* | 2055 | 0.10 |
| 10-epi-Cubenol | 12.76 | 1604 | 0.01 | 13.37 | 1998 | 0.01 |
| Rosifoliol | 12.88 | 1614 | 0.10 | 13.96* | 2055 | [0.10] |
| 1-epi-Cubenol | 12.96 | 1620 | 0.14 | 13.41 | 2001 | 0.14 |
| Isospathulenol | 13.07 | 1630 | 0.05 | 15.08 | 2166 | 0.05 |
| Cubenol | 13.13 | 1634 | 0.08 | 13.31† | 1992 | 0.16 |
| α-Muurolol | 13.18 | 1639 | 0.03 | 14.84 | 2142 | 0.04 |
| α-Cadinol | 13.27 | 1646 | 0.01 | 15.12 | 2170 | tr |
| Total identified | 99.17% | | | 99.10% | | |
| Total reported | 99.30% | | | 99.18% | | |

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken into account in the consolidated total

†: Peaks apexes were resolved, but peaks overlapped and were summed for analysis

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

Note: no correction factor was applied

R.T.: Retention time (minutes)

R.I.: Retention index