

Date : November 16, 2020

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 20K13-PTH03

Customer identification : Lavender Organic - L50113207R

Type : Essential oil

Source : *Lavandula angustifolia*

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 : Fanny Charlier, B. Sc., chimiste à l'entraînement

Analysis date : November 16, 2020

Checked and approved by :

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

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PHYSICOCHEMICAL DATA

Physical aspect: Faintly yellow liquid

Refractive index: 1.4625 ± 0.0003 (20 °C; method PC-MAT-016)

ISO 3515:2004 - OIL OF CLONAL LAVENDER - "OTHER ORIGINS"

| Compound | Min. % | Max. % | Observed % | Complies? |
|-------------------------|--------|--------|------------|-----------|
| α-Terpineol | | 2.0 | 1.5 | Yes |
| Lavandulyl acetate | | 8 | 3 | Yes |
| Terpinen-4-ol | | 8 | 6 | Yes |
| Lavandulol | | 3.0 | 0.8 | Yes |
| Linalyl acetate | 25 | 47 | 27 | Yes |
| Linalool | 20 | 43 | 29 | Yes |
| Camphor | | 1.5 | 0.2 | Yes |
| Octan-3-one | | 3.0 | 0.9 | Yes |
| (E)-β-Ocimene | tr | 6 | 4 | Yes |
| (Z)-β-Ocimene | 1 | 10 | 7 | Yes |
| β-Phellandrene | | 1.0 | 0.1 | Yes |
| 1,8-Cineole | | 3.0 | 0.7 | Yes |
| Limonene | | 1.0 | 0.2 | Yes |
| Refractive index | 1.4600 | 1.4660 | 1.4625 | 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 |
|----------------------------------|-------|----------------------|
| Acetone | 0.03 | Aliphatic ketone |
| Isovaleral | 0.02 | Aliphatic aldehyde |
| 2-Methylbutyral | tr | Aliphatic aldehyde |
| Isoamyl alcohol | 0.01 | Aliphatic alcohol |
| 2-Methylbutanol | tr | Aliphatic alcohol |
| Toluene | tr | Simple phenolic |
| Prenal | tr | Aliphatic aldehyde |
| Butyl acetate | 0.02 | Aliphatic ester |
| Methyl hexyl ether | 0.07 | Aliphatic ether |
| (3Z)-Hexenol | 0.01 | Aliphatic alcohol |
| Hexanol | 0.06 | Aliphatic alcohol |
| Tricyclene | 0.02 | Monoterpene |
| α -Thujene | 0.12 | Monoterpene |
| α -Pinene | 0.26 | Monoterpene |
| Camphene | 0.13 | Monoterpene |
| α -Fenchene | tr | Monoterpene |
| Thuja-2,4(10)-diene | 0.01 | Monoterpene |
| Butyl isobutyrate | 0.02 | Aliphatic ester |
| β -Pinene | 0.03 | Monoterpene |
| Sabinene | 0.03 | Monoterpene |
| Octen-3-ol | 0.15 | Aliphatic alcohol |
| Octan-3-one | 0.90 | Aliphatic ketone |
| Myrcene | 0.78 | Monoterpene |
| Octan-3-ol | 0.13 | Aliphatic alcohol |
| Butyl butyrate | 0.10 | Aliphatic ester |
| α -Phellandrene | 0.06 | Monoterpene |
| Δ^3 -Carene | 0.10 | Monoterpene |
| α -Terpinene | 0.08 | Monoterpene |
| Hexyl acetate | 0.49 | Aliphatic ester |
| ortho-Cymene | 0.04 | Monoterpene |
| para-Cymene | 0.13 | Monoterpene |
| Limonene | 0.24 | Monoterpene |
| 1,8-Cineole | 0.70 | Monoterpenic ether |
| β -Phellandrene | 0.08 | Monoterpene |
| (Z)- β -Ocimene | 6.75 | Monoterpene |
| (E)- β -Ocimene | 3.94 | Monoterpene |
| γ -Terpinene | 0.25 | Monoterpene |
| cis-Sabinene hydrate | 0.04 | Monoterpenic alcohol |
| cis-Linalool oxide (fur.) | 0.10 | Monoterpenic alcohol |
| Octanol | 0.02 | Aliphatic alcohol |
| Terpinolene | 0.15 | Monoterpene |
| trans-Linalool oxide (fur.) | 0.07 | Monoterpenic alcohol |
| Rosefuran | 0.04 | Monoterpenic ether |
| Linalool | 29.16 | Monoterpenic alcohol |
| (Z)-6-Methyl-3,5-heptadien-2-one | 0.03 | Aliphatic ketone |

| | | |
|---|-------|------------------------|
| β-Thujone | 0.04 | Monoterpenic ketone |
| Octen-3-yl acetate | 0.90 | Aliphatic ester |
| Unknown | 0.03 | Unknown |
| Octan-3-yl acetate | 0.10 | Aliphatic ester |
| allo-Ocimene | 0.08 | Monoterpene |
| (Z)-Myroxide | 0.02 | Monoterpenic ether |
| Camphor | 0.25 | Monoterpenic ketone |
| (E)-Myroxide | 0.02 | Monoterpenic ether |
| Unknown | 0.01 | Oxygenated monoterpene |
| Hexyl isobutyrate | 0.07 | Aliphatic ester |
| Nerol oxide | 0.01 | Aliphatic ether |
| Borneol | 0.51 | Monoterpenic alcohol |
| cis-Linalool oxide (pyr.) | 0.02 | Monoterpenic alcohol |
| Lavandulol | 0.78 | Monoterpenic alcohol |
| Terpinen-4-ol | 5.93 | Monoterpenic alcohol |
| (3E,5Z)-Undeca-1,3,5-triene | 0.01 | Alkene |
| meta-Cymen-8-ol | 0.02 | Monoterpenic alcohol |
| Cryptone | 0.02 | Normonoterpenic ketone |
| para-Cymen-8-ol | 0.16 | Monoterpenic alcohol |
| α-Terpineol | 1.53 | Monoterpenic alcohol |
| Hodiendiol | 0.06 | Monoterpenic alcohol |
| Hexyl butyrate | 0.30 | Aliphatic ester |
| Verbenone | 0.02 | Monoterpenic ketone |
| Unknown | 0.02 | Unknown |
| (3E,5E)-2,6-Dimethylocta-3,5,7-trien-2-ol | 0.03 | Monoterpenic alcohol |
| Bornyl formate | 0.05 | Monoterpenic ester |
| Nerol | 0.25 | Monoterpenic alcohol |
| Hexyl 2-methylbutyrate | 0.06 | Aliphatic ester |
| Carvone | 0.02 | Monoterpenic ketone |
| Neral | 0.02 | Monoterpenic aldehyde |
| Geraniol | 0.50 | Monoterpenic alcohol |
| Linalyl acetate | 27.24 | Monoterpenic ester |
| trans-Ascaridole glycol | 0.01 | Monoterpenic alcohol |
| Geranial | 0.03 | Monoterpenic aldehyde |
| Bornyl acetate | 0.17 | Monoterpenic ester |
| Lavandulyl acetate | 3.47 | Monoterpenic ester |
| Hexyl tiglate | 0.05 | Aliphatic ester |
| Hodiendiol derivative | 0.01 | Oxygenated monoterpene |
| Unknown | 0.04 | Oxygenated monoterpene |
| Unknown | 0.03 | Oxygenated monoterpene |
| Hodiendiol derivative III | 0.01 | Oxygenated monoterpene |
| Neryl acetate | 0.42 | Monoterpenic ester |
| α-Copaene | 0.02 | Sesquiterpene |
| β-Bourbonene | 0.02 | Sesquiterpene |
| Geranyl acetate | 0.73 | Monoterpenic ester |
| 7-epi-Sesquithujene | 0.07 | Sesquiterpene |
| Hexyl hexanoate | 0.04 | Aliphatic ester |
| Isocaryophyllene | 0.01 | Sesquiterpene |
| Sesquithujene | 0.01 | Sesquiterpene |
| β-Caryophyllene | 3.36 | Sesquiterpene |
| α-Santalene | 0.42 | Sesquiterpene |
| Coumarin | 0.01 | Coumarin |

| | | |
|--|---------------|------------------------|
| <i>trans</i> - α -Bergamotene | 0.13 | Sesquiterpene |
| Sesquisabinene A | 0.05 | Sesquiterpene |
| α -Humulene | 0.11 | Sesquiterpene |
| Lavandulyl butyrate? | 0.10 | Monoterpenic ester |
| (<i>E</i>)- β -Farnesene | 2.85 | Sesquiterpene |
| Germacrene D | 0.33 | Sesquiterpene |
| <i>trans</i> - β -Bergamotene | 0.05 | Sesquiterpene |
| Isodaucene | 0.02 | Sesquiterpene |
| β -Bisabolene | 0.02 | Sesquiterpene |
| Lavandulyl isovalerate | 0.01 | Monoterpenic ester |
| γ -Cadinene | 0.07 | Sesquiterpene |
| δ -Cadinene | 0.01 | Sesquiterpene |
| Isocaryophyllene epoxide B | 0.01 | Sesquiterpenic ether |
| (<i>E</i>)-Nerolidol | 0.01 | Sesquiterpenic alcohol |
| Caryophyllene oxide | 0.13 | Sesquiterpenic ether |
| Caryophyllene oxide isomer | 0.02 | Sesquiterpenic ether |
| τ -Cadinol | 0.03 | Sesquiterpenic alcohol |
| (3 <i>Z</i>)-Caryophylla-3,8(13)-dien-5 β -ol | 0.01 | Sesquiterpenic alcohol |
| Hexahydrofarnesyl acetone | 0.01 | Terpene derivative |
| Consolidated total | 97.37% | |

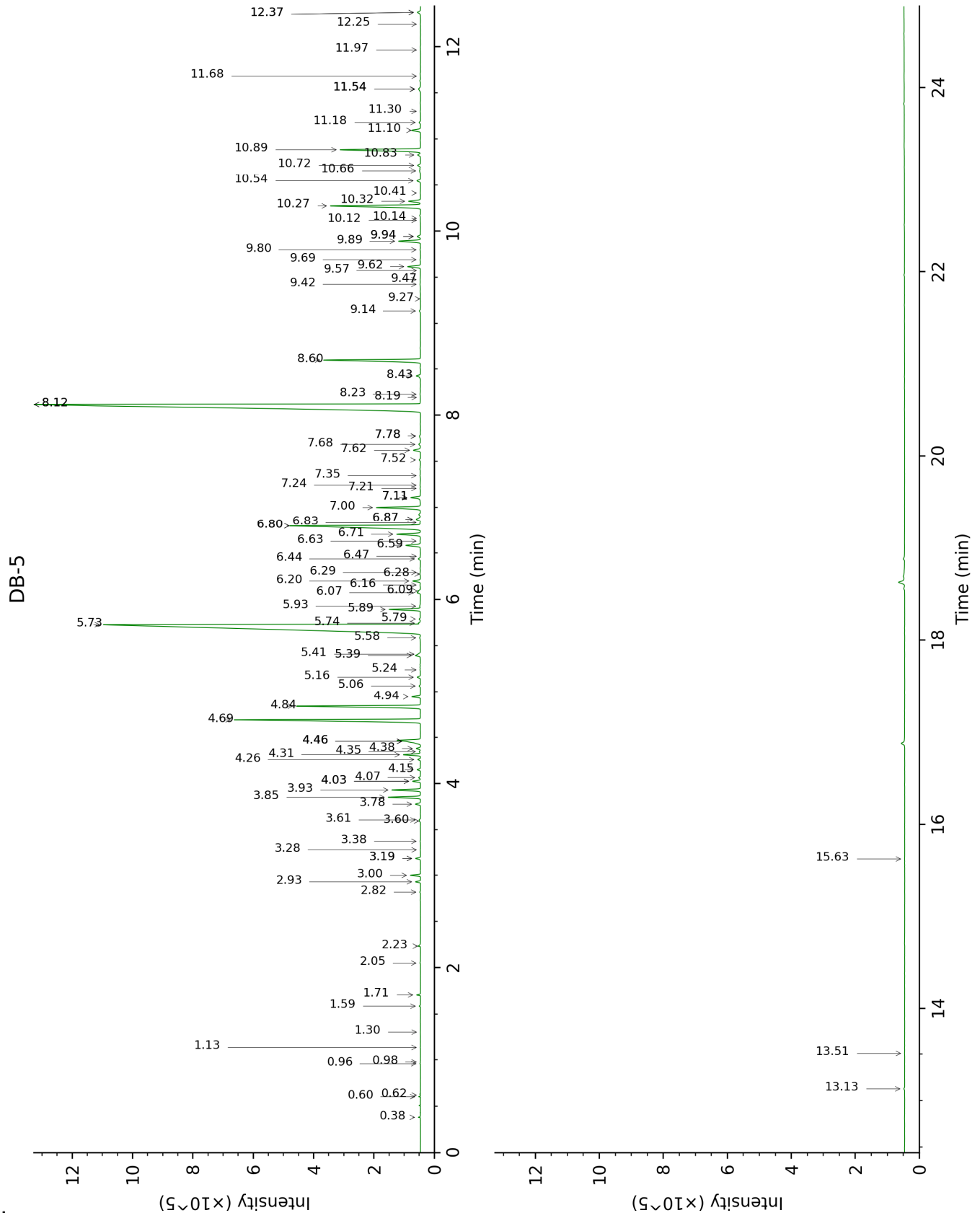
tr: The compound has been detected below 0.005% of total signal.

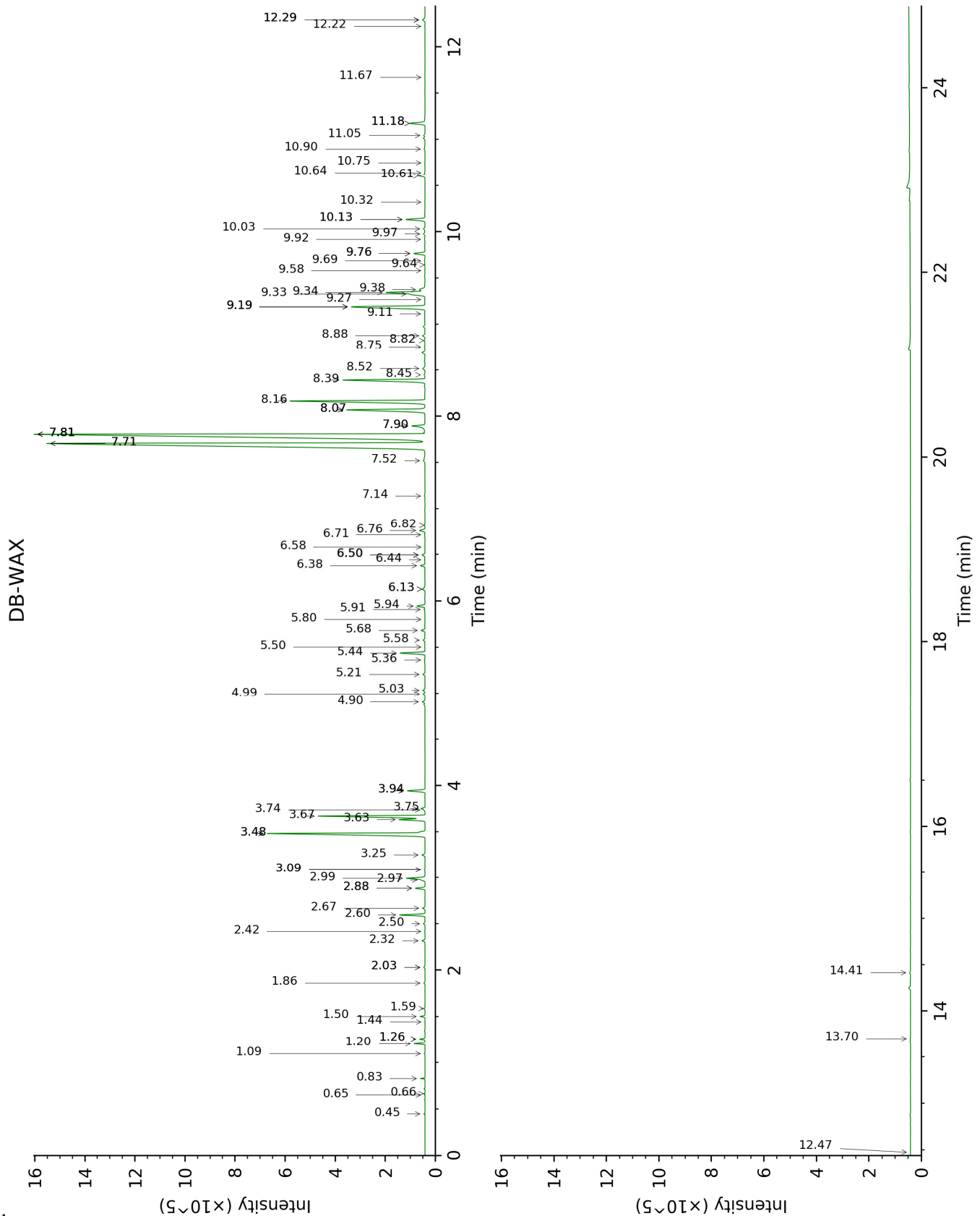
Note: no correction factor was applied

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 | % |
| Acetone | 0.38 | 507 | 0.03 | 0.45 | 785 | 0.02 |
| Isovaleral | 0.60 | 643 | 0.02 | 0.66 | 887 | 0.02 |
| 2-Methylbutyral | 0.62 | 650 | tr | 0.65 | 881 | 0.01 |
| Isoamyl alcohol | 0.96 | 734 | 0.01 | 3.09* | 1175 | 0.02 |
| 2-Methylbutanol | 0.98 | 737 | tr | 3.09* | 1175 | [0.02] |
| Toluene | 1.13 | 760 | tr | 1.26* | 1003 | 0.13 |
| Prenal | 1.30 | 785 | tr | 2.88* | 1158 | 0.32 |
| Butyl acetate | 1.59 | 817 | 0.02 | 1.59 | 1037 | 0.03 |
| Methyl hexyl ether | 1.71 | 827 | 0.07 | 0.83 | 926 | 0.08 |
| (3Z)-Hexenol | 2.05 | 857 | 0.01 | 5.36 | 1345 | 0.02 |
| Hexanol | 2.24 | 872 | 0.06 | 5.03 | 1321 | 0.08 |
| Tricyclene | 2.82 | 918 | 0.02 | 1.09 | 974 | 0.02 |
| α-Thujene | 2.93 | 925 | 0.12 | 1.26* | 1003 | [0.13] |
| α-Pinene | 3.00 | 930 | 0.26 | 1.20 | 993 | 0.26 |
| Camphene | 3.19* | 943 | 0.14 | 1.50 | 1028 | 0.13 |
| α-Fenchene | 3.19* | 943 | [0.14] | 1.44 | 1022 | tr |
| Thuja-2,4(10)-diene | 3.28 | 949 | 0.01 | 2.03*† | 1084 | 0.04 |
| Butyl isobutyrate | 3.38 | 955 | 0.02 | 2.42 | 1120 | 0.01 |
| β-Pinene | 3.60 | 970 | 0.03 | 1.86 | 1066 | 0.04 |
| Sabinene | 3.61 | 971 | 0.03 | 2.03*† | 1084 | [0.04] |
| Octen-3-ol | 3.78 | 982 | 0.15 | 6.38 | 1419 | 0.16 |
| Octan-3-one | 3.85 | 987 | 0.90 | 3.63 | 1218 | 0.91 |
| Myrcene | 3.93 | 993 | 0.78 | 2.60 | 1134 | 0.78 |
| Octan-3-ol | 4.03* | 999 | 0.23 | 5.68 | 1368 | 0.13 |
| Butyl butyrate | 4.03* | 999 | [0.23] | 3.25 | 1188 | 0.10 |
| α-Phellandrene | 4.07 | 1002 | 0.06 | 2.50 | 1126 | 0.05 |
| Δ3-Carene | 4.15 | 1007 | 0.10 | 2.32 | 1112 | 0.09 |
| α-Terpinene | 4.26 | 1014 | 0.08 | 2.67 | 1140 | 0.08 |
| Hexyl acetate | 4.31 | 1017 | 0.49 | 3.94* | 1242 | 0.64 |
| ortho-Cymene | 4.35 | 1020 | 0.04 | 3.74 | 1226 | 0.03 |
| para-Cymene | 4.38 | 1022 | 0.13 | 3.75 | 1227 | 0.14 |
| Limonene | 4.46*† | 1026 | 1.02 | 2.88* | 1158 | [0.32] |
| 1,8-Cineole | 4.46*† | 1026 | [1.02] | 2.99 | 1167 | 0.70 |
| β-Phellandrene | 4.46*† | 1026 | [1.02] | 2.97 | 1165 | 0.08 |
| (Z)-β-Ocimene | 4.69 | 1041 | 6.75 | 3.48*† | 1207 | 7.06 |
| (E)-β-Ocimene | 4.84 | 1051 | 3.94 | 3.67 | 1221 | 3.96 |
| γ-Terpinene | 4.94 | 1057 | 0.25 | 3.48*† | 1207 | [7.06] |
| cis-Sabinene hydrate | 5.06 | 1065 | 0.04 | 6.44 | 1424 | 0.03 |
| cis-Linalool oxide (fur.) | 5.16 | 1071 | 0.10 | 6.13* | 1400 | 0.10 |
| Octanol | 5.24 | 1076 | 0.02 | 7.81*† | 1527 | [56.90] |
| Terpinolene | 5.39† | 1086 | 0.22 | 3.94* | 1242 | [0.64] |
| trans-Linalool oxide (fur.) | 5.41† | 1087 | [0.22] | 6.50* | 1428 | 0.12 |
| Rosefuran | 5.58 | 1098 | 0.04 | 5.58 | 1360 | 0.08 |
| Linalool | 5.73 | 1107 | 29.16 | 7.71*† | 1519 | 56.90 |

| | | | | | | |
|--|-------|------|---------|--------|------|---------|
| (Z)-6-Methyl-3,5-heptadien-2-one | 5.74 | 1108 | 0.03 | 7.90* | 1534 | 0.58 |
| β-Thujone | 5.79 | 1111 | 0.04 | 5.91 | 1384 | 0.03 |
| Octen-3-yl acetate | 5.89 | 1118 | 0.90 | 5.44 | 1350 | 0.89 |
| Unknown [m/z 82, 81 (72), 43 (64), 54 (32), 41 (20)...] | 5.93 | 1120 | 0.03 | 9.19* | 1636 | 3.63 |
| Octan-3-yl acetate | 6.07 | 1130 | 0.10 | 4.90 | 1312 | 0.10 |
| allo-Ocimene | 6.09 | 1131 | 0.08 | 5.21 | 1333 | 0.08 |
| (Z)-Myroxide | 6.16 | 1135 | 0.02 | 6.50* | 1428 | [0.12] |
| Camphor | 6.20 | 1138 | 0.25 | 6.76 | 1447 | 0.22 |
| (E)-Myroxide | 6.28 | 1143 | 0.02 | 6.71 | 1444 | 0.03 |
| Unknown [m/z 95, 43 (74), 109 (72), 82 (62), 110 (50)... 152 (14)] | 6.29 | 1144 | 0.01 | 6.58 | 1434 | 0.01 |
| Hexyl isobutyrate | 6.44 | 1153 | 0.07 | 4.99 | 1318 | 0.07 |
| Nerol oxide | 6.47 | 1155 | 0.01 | 6.50* | 1428 | [0.12] |
| Borneol | 6.59 | 1163 | 0.51 | 9.33 | 1647 | 0.45 |
| cis-Linalool oxide (pyr.) | 6.63 | 1166 | 0.02 | 9.92 | 1696 | 0.02 |
| Lavandulol | 6.71 | 1171 | 0.78 | 9.19* | 1636 | [3.63] |
| Terpinen-4-ol | 6.80* | 1177 | 6.00 | 8.16 | 1555 | 5.93 |
| (3E,5Z)-Undeca-1,3,5-triene | 6.80* | 1177 | [6.00] | 5.50 | 1355 | 0.01 |
| meta-Cymen-8-ol | 6.83 | 1179 | 0.02 | 11.05 | 1792 | 0.05 |
| Cryptone | 6.87* | 1182 | 0.18 | 8.75 | 1601 | 0.02 |
| para-Cymen-8-ol | 6.87* | 1182 | [0.18] | 11.18* | 1804 | 0.66 |
| α-Terpineol | 7.00 | 1190 | 1.53 | 9.34 | 1649 | 1.61 |
| Hodiendiol | 7.11* | 1197 | 0.35 | 12.29* | 1904 | 0.13 |
| Hexyl butyrate | 7.11* | 1197 | [0.35] | 5.94 | 1387 | 0.30 |
| Verbenone | 7.21 | 1203 | 0.02 | 9.27 | 1643 | 0.02 |
| Unknown [m/z 43, 71 (66), 59 (52), 41 (47), 68 (46)...] | 7.24 | 1206 | 0.02 | 5.80 | 1376 | 0.01 |
| (3E,5E)-2,6-Dimethylocta-3,5,7-trien-2-ol | 7.35 | 1213 | 0.03 | 10.90 | 1780 | 0.05 |
| Bornyl formate | 7.52 | 1224 | 0.05 | 7.71*† | 1519 | [56.90] |
| Nerol | 7.62 | 1231 | 0.25 | 10.60 | 1755 | 0.25 |
| Hexyl 2-methylbutyrate | 7.68 | 1236 | 0.06 | 6.13* | 1400 | [0.10] |
| Carvone | 7.78* | 1242 | 0.05 | 9.64 | 1673 | 0.02 |
| Neral | 7.78* | 1242 | [0.05] | 9.11 | 1630 | 0.02 |
| Geraniol | 8.12* | 1265 | 28.44 | 11.18* | 1804 | [0.66] |
| Linalyl acetate | 8.12* | 1265 | [28.44] | 7.81*† | 1527 | [56.90] |
| trans-Ascaridole glycol | 8.19 | 1270 | 0.01 | 13.70 | 2038 | 0.02 |
| Geranial | 8.23 | 1273 | 0.03 | 9.68 | 1677 | 0.03 |
| Bornyl acetate | 8.43 | 1286 | 0.17 | 7.90* | 1534 | [0.58] |
| Lavandulyl acetate | 8.60 | 1298 | 3.47 | 8.39 | 1572 | 3.47 |
| Hexyl tiglate | 9.14 | 1332 | 0.05 | 8.52 | 1582 | 0.11 |

| | | | | | | |
|--|--------|------|--------|--------|------|---------|
| Hodiendiol derivative | 9.27 | 1342 | 0.01 | 12.48 | 1922 | 0.01 |
| Unknown [m/z 43, 79 (47), 71 (31), 94 (27), 81 (23), 41 (22)... 197 (0)] | 9.42 | 1353 | 0.04 | 10.64 | 1758 | 0.01 |
| Unknown [m/z 43, 79 (46), 71 (30), 94 (25), 41 (23), 81 (21)... 197 (0)] | 9.48 | 1356 | 0.03 | 10.75 | 1767 | 0.01 |
| Hodiendiol derivative III | 9.57 | 1363 | 0.01 | 12.29* | 1904 | [0.13] |
| Neryl acetate | 9.62 | 1366 | 0.42 | 9.76* | 1683 | 0.45 |
| α-Copaene | 9.69 | 1372 | 0.02 | 6.82 | 1452 | 0.02 |
| β-Bourbonene | 9.80 | 1379 | 0.02 | 7.14 | 1476 | 0.03 |
| Geranyl acetate | 9.89 | 1386 | 0.73 | 10.13* | 1714 | 0.75 |
| 7-epi-Sesquithujene | 9.94* | 1389 | 0.12 | 7.52 | 1504 | 0.07 |
| Hexyl hexanoate | 9.94* | 1389 | [0.12] | 8.45 | 1577 | 0.04 |
| Isocaryophyllene | 10.12 | 1402 | 0.01 | 7.81*† | 1527 | [56.90] |
| Sesquithujene | 10.14 | 1404 | 0.01 | 7.81*† | 1527 | [56.90] |
| β-Caryophyllene | 10.27 | 1413 | 3.36 | 8.07* | 1547 | 3.44 |
| α-Santalene | 10.32 | 1417 | 0.42 | 7.81*† | 1527 | [56.90] |
| Coumarin | 10.41 | 1424 | 0.01 | | | |
| <i>trans</i> -α-Bergamotene | 10.54 | 1434 | 0.13 | 8.07* | 1547 | [3.44] |
| Sesquisabinene A | 10.66 | 1442 | 0.05 | 8.82 | 1606 | 0.04 |
| α-Humulene | 10.72 | 1447 | 0.11 | 8.88 | 1611 | 0.10 |
| Lavandulyl butyrate? | 10.83 | 1455 | 0.10 | 10.13* | 1714 | [0.75] |
| (<i>E</i>)-β-Farnesene | 10.89 | 1459 | 2.85 | 9.19* | 1636 | [3.63] |
| Germacrene D | 11.10 | 1475 | 0.33 | 9.38 | 1651 | 0.29 |
| <i>trans</i> -β-Bergamotene | 11.18 | 1481 | 0.05 | 9.19* | 1636 | [3.63] |
| Isodaucene | 11.30 | 1490 | 0.02 | 9.58 | 1668 | 0.01 |
| β-Bisabolene | 11.54* | 1509 | 0.12 | 9.76* | 1683 | [0.45] |
| Lavandulyl isovalerate | 11.54* | 1509 | [0.12] | 10.32 | 1730 | 0.01 |
| γ-Cadinene | 11.54* | 1509 | [0.12] | 9.98 | 1701 | 0.07 |
| δ-Cadinene | 11.68 | 1520 | 0.01 | 10.03 | 1705 | 0.07 |
| Isocaryophyllene epoxide B | 11.97 | 1542 | 0.01 | 11.67 | 1848 | 0.01 |
| (<i>E</i>)-Nerolidol | 12.25 | 1564 | 0.01 | | | |
| Caryophyllene oxide | 12.37* | 1574 | 0.14 | 12.29* | 1904 | [0.13] |
| Caryophyllene oxide isomer | 12.37* | 1574 | [0.14] | 12.22 | 1898 | 0.02 |
| τ-Cadinol | 13.13 | 1635 | 0.03 | 14.41 | 2109 | 0.05 |
| (3 <i>Z</i>)-Caryophylla-3,8(13)-dien-5β-ol | 13.51 | 1667 | 0.01 | | | |
| Hexahydrofarnesyl acetone | 15.63 | 1851 | 0.01 | | | |

| | | |
|-------------------------|---------------|---------------|
| Total identified | 98.03% | 97.61% |
| Total reported | 98.16% | 97.65% |

*: 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