

Date : April 16, 2020

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 20D09-PTH04

Customer identification : Peppermint U.S. Western - USA - PF010495R

Type : Essential oil

Source : *Mentha x piperita*

Customer : Plant Therapy

ANALYSIS

Method: PC-MAT-007 - Analysis of the composition of an essential oil or other volatile liquide by FAST GC-FID (in French); identifications validated by GC-MS.

Analyst : Sylvain Mercier, M. Sc., Chimiste

Analysis date : April 16, 2020

Checked and approved by :



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

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PHYSICOCHEMICAL DATA

Physical aspect: Faintly yellow liquid

Refractive index: 1.4626 ± 0.0003 (20 °C)

NFT 75-210:2007 & ISO 856:2006 - OIL OF PEPPERMINT - USA

| Compound | Min. % | Max. % | Observed % | Complies? |
|-------------------------|--------|--------|------------|-----------|
| β-Caryophyllene | 1.0 | 2.5 | 2.3 | Yes |
| Methyl acetate | 3.0 | 6.5 | 4.0 | Yes |
| Pulegone | 0.5 | 2.5 | 1.4 | Yes |
| Menthol | 36.0 | 46.0 | 42.6 | Yes |
| neo-Menthol | 2.5 | 4.5 | 3.4 | Yes |
| Menthofuran | 1.5 | 6.0 | 3.5 | Yes |
| Isomenthone | 2.0 | 4.5 | 3.0 | Yes |
| Menthone | 15.0 | 25.0 | 18.5 | Yes |
| cis-Sabinene hydrate | 0.5 | 2.3 | 0.8 | Yes |
| Limonene | 1.0 | 2.5 | 1.8 | Yes |
| 1,8-Cineole | 4.0 | 6.0 | 4.4 | Yes |
| Octan-3-ol | 0.1 | 0.4 | 0.3 | Yes |
| Refractive index | 1.459 | 1.465 | 1.463 | Yes |

EUROPEAN PHARMACOPOEIA 9.0 - 07/2012:0405 - PEPPERMINT OIL

| Compound | Min. % | Max. % | Observed % | Complies? |
|-------------------------|--------|--------|------------|-----------|
| Carvone | | 1.0 | 0 | Yes |
| Pulegone | | 3.0 | 1.4 | Yes |
| Menthol | 30.0 | 55.0 | 42.6 | Yes |
| Methyl acetate | 2.8 | 10.0 | 4.0 | Yes |
| Isomenthone | 1.5 | 10.0 | 3.0 | Yes |
| Menthofuran | 1.0 | 8.0 | 3.5 | Yes |
| Menthone | 14.0 | 32.0 | 18.5 | Yes |
| 1,8-Cineole | 3.5 | 8.0 | 4.4 | Yes |
| Limonene | 1.0 | 3.5 | 1.8 | Yes |
| Total isopulegol | | 0.20 | 0.12 | Yes |
| Refractive index | 1.457 | 1.467 | 1.463 | Yes |

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method. The oil complies with the ISO/AFNOR standard for American peppermint oil, and complies with the European pharmacopoeial standard for peppermint oil.

ANALYSIS SUMMARY – CONSOLIDATED CONTENTS

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

| Identification | % | Classe |
|--|-------|----------------------|
| Isobutanol | 0.01 | Aliphatic alcohol |
| Isovaleral | 0.02 | Aliphatic aldehyde |
| 2-Methylbutyral | 0.01 | Aliphatic aldehyde |
| Isoamyl alcohol | 0.03 | Aliphatic alcohol |
| 2-Methylbutanol | 0.03 | Aliphatic alcohol |
| Hexanal | tr | Aliphatic aldehyde |
| Ethyl isovalerate | tr | Aliphatic ester |
| Ethyl 2-methylbutyrate | 0.02 | Aliphatic ester |
| (3Z)-Hexenol | tr | Aliphatic alcohol |
| Hexanol | 0.01 | Aliphatic alcohol |
| <i>trans</i> -2,5-Diethyltetrahydrofuran | 0.02 | Furan |
| Heptanal | 0.01 | Aliphatic aldehyde |
| α -Thujene | 0.04 | Monoterpene |
| α -Pinene | 0.59 | Monoterpene |
| 3-Methylcyclohexanone | 0.03 | Aliphatic ketone |
| Camphepane | tr | Monoterpene |
| Thuja-2,4(10)-diene | tr | Monoterpene |
| Sabinene | 0.43 | Monoterpene |
| β -Pinene | 0.85 | Monoterpene |
| Octen-3-ol | 0.09 | Aliphatic alcohol |
| Octan-3-one | 0.02 | Aliphatic ketone |
| Myrcene | 0.21 | Monoterpene |
| Octan-3-ol | 0.30 | Aliphatic alcohol |
| α -Phellandrene | 0.01 | Monoterpene |
| Pseudolimonene | 0.01 | Monoterpene |
| α -Terpinene | 0.23 | Monoterpene |
| para-Cymene | 0.17 | Monoterpene |
| Limonene | 1.77 | Monoterpene |
| 1,8-Cineole | 4.41 | Monoterpenic ether |
| (Z)- β -Ocimene | 0.31 | Monoterpene |
| (E)- β -Ocimene | 0.08 | Monoterpene |
| γ -Terpinene | 0.39 | Monoterpene |
| <i>cis</i> -Sabinene hydrate | 0.76 | Monoterpenic alcohol |
| <i>cis</i> -Linalool oxide (fur.) | 0.03 | Monoterpenic alcohol |
| Octanol | tr | Aliphatic alcohol |
| Terpinolene | 0.13 | Monoterpene |
| <i>trans</i> -Sabinene hydrate | 0.09 | Monoterpenic alcohol |
| Linalool | 0.33 | Monoterpenic alcohol |
| 2-Methylbutyl 2-methylbutyrate | 0.08 | Aliphatic ester |
| Amyl isovalerate | 0.14 | Aliphatic ester |
| Octen-3-yl acetate | 0.03 | Aliphatic ester |
| <i>cis</i> -para-Menth-2-en-1-ol | 0.08 | Monoterpenic alcohol |
| Octan-3-yl acetate | 0.05 | Aliphatic ester |
| allo-Ocimene | 0.02 | Monoterpene |
| <i>trans</i> -Sabinol | 0.08 | Monoterpenic alcohol |
| Isopulegol | 0.12 | Monoterpenic alcohol |
| Menthone | 18.51 | Monoterpenic ketone |

| | | |
|--------------------------------------|-------|-----------------------|
| Isomenthone | 2.95 | Monoterpenic ketone |
| Menthofuran | 3.52 | Monoterpenic ether |
| neo-Menthol | 3.44 | Monoterpenic alcohol |
| δ -Terpineol | 0.10 | Monoterpenic alcohol |
| Menthol | 42.64 | Monoterpenic alcohol |
| Terpinen-4-ol | 1.07 | Monoterpenic alcohol |
| Isomenthol | 0.79 | Monoterpenic alcohol |
| para-Cymen-8-ol | 0.01 | Monoterpenic alcohol |
| α -Terpineol | 0.16 | Monoterpenic alcohol |
| neoisoo-Menthol | 0.22 | Monoterpenic alcohol |
| Myrtenal | 0.03 | Monoterpenic aldehyde |
| Myrtenol | 0.05 | Monoterpenic alcohol |
| <i>trans</i> -Isopiperitenol | 0.01 | Monoterpenic alcohol |
| Unknown | 0.01 | Unknown |
| Decanal | 0.03 | Aliphatic aldehyde |
| (3Z)-Hexenyl 2-methylbutyrate | 0.03 | Aliphatic ester |
| Pulegone | 1.36 | Monoterpenic ketone |
| (2E)-Hexenyl isovalerate | 0.07 | Aliphatic ester |
| Carvone | 0.01 | Monoterpenic ketone |
| Piperitone | 0.56 | Monoterpenic ketone |
| Decanol | 0.03 | Aliphatic alcohol |
| neo-Menthyl acetate | 0.21 | Monoterpenic ester |
| 2-Ethylmenthone? | 0.04 | Aliphatic ketone |
| Dihydroedulan I | 0.09 | Terpenic ether |
| Menthyl acetate | 3.99 | Monoterpenic ester |
| Dihydroedulan II | 0.06 | Terpenic ether |
| Thymol | 0.10 | Monoterpenic alcohol |
| Isomenthyl acetate | 0.19 | Monoterpenic alcohol |
| Bicycloelemene | 0.01 | Sesquiterpene |
| Piperitenone | 0.01 | Monoterpenic ketone |
| α -Cubebene | 0.02 | Sesquiterpene |
| Menthofurolactone | 0.02 | Aliphatic alcohol |
| α -Copaene | 0.05 | Sesquiterpene |
| β -Bourbonene | 0.37 | Sesquiterpene |
| 1,5-diepi- β -Bourbonene | 0.04 | Sesquiterpene |
| β -Cubebene | 0.03 | Sesquiterpene |
| β -Elemene | 0.07 | Sesquiterpene |
| (Z)-Jasmone | 0.02 | Jasmonate |
| Unknown | 0.03 | Unknown |
| Isocaryophyllene | 0.04 | Sesquiterpene |
| β -Caryophyllene | 2.25 | Sesquiterpene |
| β -Copaene | 0.05 | Sesquiterpene |
| <i>trans</i> - α -Bergamotene | 0.03 | Sesquiterpene |
| Isogermacrene D | 0.04 | Sesquiterpene |
| α -Humulene | 0.10 | Sesquiterpene |
| (E)- β -Farnesene | 0.38 | Sesquiterpene |
| Germacrene D | 1.93 | Sesquiterpene |
| Mentalactone | 0.02 | Monoterpenic lactone |
| Bicyclogermacrene | 0.23 | Sesquiterpene |
| Viridiflorene | 0.02 | Sesquiterpene |
| α -Muurolene | 0.09 | Sesquiterpene |
| γ -Cadinene | 0.02 | Sesquiterpene |

| | | |
|----------------------------|---------------|--------------------------|
| δ-Cadinene | 0.09 | Sesquiterpene |
| Isocaryophyllene epoxide B | 0.01 | Sesquiterpenic ether |
| Spathulenol | 0.04 | Sesquiterpenic alcohol |
| Caryophyllene oxide isomer | 0.01 | Sesquiterpenic ether |
| Caryophyllene oxide | 0.06 | Sesquiterpenic ether |
| Viridiflorol | 0.22 | Sesquiterpenic alcohol |
| Isopathulenol | 0.03 | Sesquiterpenic alcohol |
| τ-Cadinol | 0.01 | Sesquiterpenic alcohol |
| τ-Muurolol | 0.01 | Sesquiterpenic alcohol |
| Unknown | 0.01 | Sesquiterpenic alcohol |
| α-Cadinol | 0.02 | Sesquiterpenic alcohol |
| Unknown | 0.01 | Oxygenated sesquiterpene |
| Consolidated total | 98.75% | |

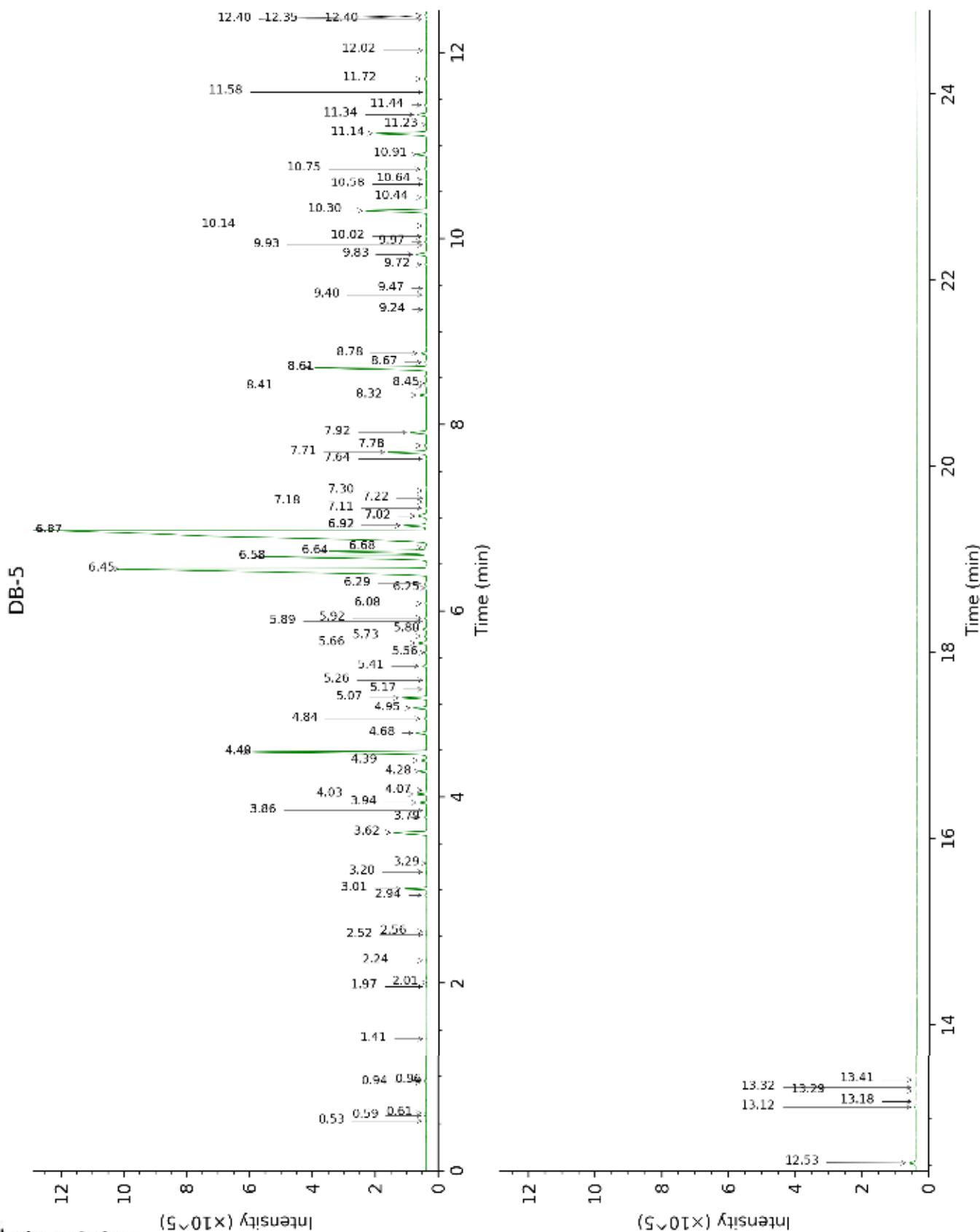
tr: The compound has been detected below 0.005% of total signal.

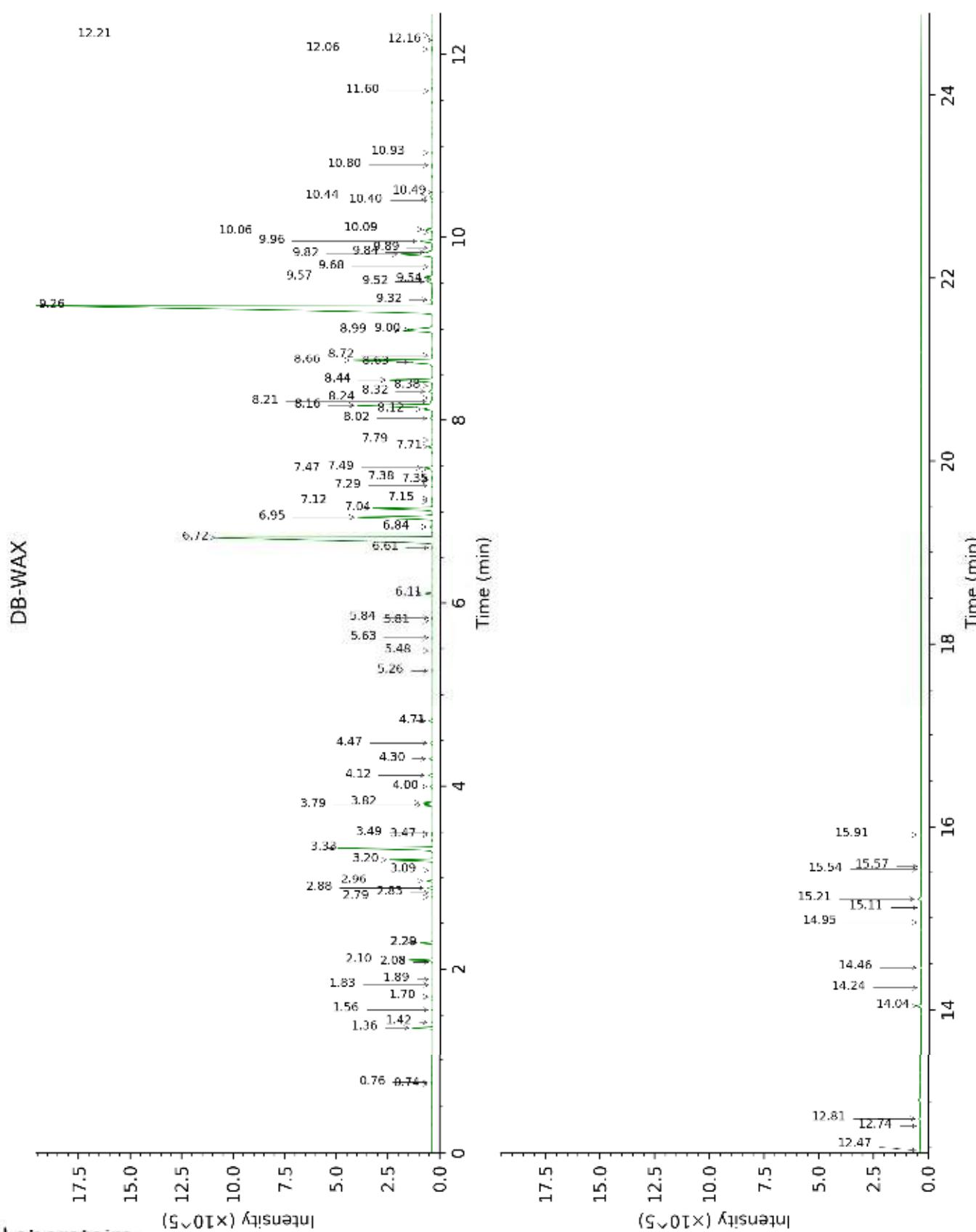
Note: no correction factor was applied

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.

This page was intentionally left blank. The following pages present the complete data of the analysis.





FULL ANALYSIS DATA

| Identification | Column DB-5 | | | Column DB-WAX | | |
|--|-------------|------|--------|---------------|------|--------|
| | R.T | R.I | % | R.T | R.I | % |
| Isobutanol | 0.53 | 615 | 0.01 | 2.08 | 1063 | 0.01 |
| Isovaleral | 0.59 | 640 | 0.02 | 0.76 | 890 | 0.02 |
| 2-Methylbutyral | 0.61 | 651 | 0.01 | 0.74 | 883 | 0.01 |
| Isoamyl alcohol | 0.94 | 736 | 0.03 | 3.49 | 1179 | 0.03 |
| 2-Methylbutanol | 0.96 | 739 | 0.03 | 3.47 | 1178 | 0.03 |
| Hexanal | 1.41 | 802 | tr | 1.89 | 1045 | tr |
| Ethyl isovalerate | 1.96* | 850 | 0.03 | 1.83 | 1039 | tr |
| Ethyl 2-methylbutyrate | 1.96* | 850 | [0.03] | 1.70*† | 1026 | 0.02 |
| (3Z)-Hexenol | 2.01 | 853 | tr | 5.81 | 1346 | 0.01 |
| Hexanol | 2.24 | 873 | 0.01 | 5.48 | 1323 | 0.01 |
| <i>trans</i> -2,5-Diethyltetrahydrofuran | 2.52 | 896 | 0.02 | 1.56 | 1012 | 0.02 |
| Heptanal | 2.56 | 899 | 0.01 | 3.09 | 1148 | tr |
| α-Thujene | 2.94 | 925 | 0.04 | 1.42 | 999 | 0.04 |
| α-Pinene | 3.01 | 930 | 0.59 | 1.36 | 991 | 0.58 |
| 3-Methylcyclohexanone | 3.20* | 942 | 0.04 | 4.71* | 1268 | 0.17 |
| Camphepane | 3.20* | 942 | [0.04] | 1.70*† | 1026 | [0.02] |
| Thuja-2,4(10)-diene | 3.29 | 948 | tr | 2.28* | 1084 | 0.44 |
| Sabinene | 3.62* | 970 | 1.29 | 2.28* | 1084 | [0.44] |
| β-Pinene | 3.62* | 970 | [1.29] | 2.10 | 1066 | 0.85 |
| Octen-3-ol | 3.79 | 981 | 0.09 | 6.84* | 1421 | 0.12 |
| Octan-3-one | 3.86 | 986 | 0.02 | 4.00* | 1217 | 0.09 |
| Myrcene | 3.94 | 991 | 0.21 | 2.88 | 1132 | 0.20 |
| Octan-3-ol | 4.03 | 997 | 0.30 | 6.11 | 1368 | 0.31 |
| α-Phellandrene | 4.07* | 1000 | 0.03 | 2.78 | 1125 | 0.01 |
| Pseudolimonene | 4.07* | 1000 | [0.03] | 2.83 | 1128 | 0.01 |
| α-Terpinene | 4.28 | 1013 | 0.23 | 2.96 | 1139 | 0.22 |
| para-Cymene | 4.39 | 1020 | 0.17 | 4.12 | 1226 | 0.17 |
| Limonene | 4.48* | 1026 | 6.19 | 3.20 | 1157 | 1.77 |
| 1,8-Cineole | 4.48* | 1026 | [6.19] | 3.33 | 1167 | 4.41 |
| (Z)-β-Ocimene | 4.68 | 1039 | 0.31 | 3.82† | 1204 | [0.71] |
| (E)-β-Ocimene | 4.84 | 1049 | 0.08 | 4.00* | 1217 | [0.09] |
| γ-Terpinene | 4.95 | 1056 | 0.39 | 3.79† | 1202 | 0.71 |
| cis-Sabinene hydrate | 5.07 | 1063 | 0.76 | 6.95* | 1429 | 4.30 |
| cis-Linalool oxide (fur.) | 5.16 | 1069 | 0.03 | 6.61 | 1404 | 0.02 |
| Octanol | 5.26 | 1075 | tr | 8.24 | 1526 | 0.04 |
| Terpinolene | 5.41 | 1085 | 0.13 | 4.30 | 1238 | 0.13 |
| <i>trans</i> -Sabinene hydrate | 5.56 | 1094 | 0.09 | 8.02 | 1509 | 0.09 |
| Linalool | 5.66 | 1100 | 0.33 | 8.12 | 1517 | 0.35 |
| 2-Methylbutyl 2-methylbutyrate | 5.73 | 1105 | 0.08 | 4.47 | 1251 | 0.08 |
| Amyl isovalerate | 5.80 | 1110 | 0.14 | 4.71* | 1268 | [0.17] |
| Octen-3-yl acetate | 5.89 | 1116 | 0.03 | 5.84 | 1349 | 0.02 |
| cis-para-Menth-2-en-1-ol | 5.92 | 1118 | 0.08 | 8.20 | 1523 | 0.12 |
| Octan-3-yl acetate | 6.08* | 1128 | 0.06 | 5.26 | 1308 | 0.05 |

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Plus que des analyses... des conseils

| | | | | | | |
|---|--------|------|---------|--------|------|--------|
| allo-Ocimene | 6.08* | 1128 | [0.06] | 5.63 | 1333 | 0.02 |
| trans-Sabinol | 6.25 | 1139 | 0.08 | 9.89 | 1656 | 0.06 |
| Isopulegol | 6.29 | 1142 | 0.12 | 8.16* | 1520 | 4.15 |
| Menthone | 6.45 | 1152 | 18.51 | 6.72 | 1412 | 18.40 |
| Isomenthone | 6.58* | 1161 | 6.47 | 7.04 | 1436 | 2.95 |
| Menthofuran | 6.58* | 1161 | [6.47] | 6.95* | 1429 | [4.30] |
| neo-Menthol | 6.64† | 1165 | 3.92 | 8.66† | 1558 | [4.51] |
| δ-Terpineol | 6.68† | 1167 | [3.92] | 9.54† | 1628 | [0.71] |
| Menthol | 6.87* | 1180 | 43.71 | 9.26 | 1605 | 42.64 |
| Terpinen-4-ol | 6.87* | 1180 | [43.71] | 8.64† | 1556 | 4.51 |
| Isomenthol | 6.92* | 1183 | 0.80 | 9.00† | 1584 | [2.20] |
| para-Cymen-8-ol | 6.92* | 1183 | [0.80] | 11.60 | 1799 | 0.01 |
| α-Terpineol | 7.02* | 1190 | 0.42 | 9.84 | 1652 | 0.16 |
| neoiso-Menthol | 7.02* | 1190 | [0.42] | 9.52† | 1626 | 0.71 |
| Myrtenal | 7.02* | 1190 | [0.42] | 8.72 | 1562 | 0.03 |
| Myrtenol | 7.11 | 1196 | 0.05 | 10.93 | 1742 | 0.02 |
| trans-Isopiperitenol | 7.18 | 1200 | 0.01 | 10.49 | 1705 | 0.01 |
| Unknown [m/z 43, 99 (84), 81 (46), 986 (43), 126 (36), 71 (28)... 170 (12)] | 7.22 | 1203 | 0.01 | | | |
| Decanal | 7.30 | 1208 | 0.03 | 7.35 | 1459 | 0.02 |
| (3Z)-Hexenyl 2-methylbutyrate | 7.64 | 1231 | 0.03 | 7.15*† | 1444 | [0.13] |
| Pulegone | 7.71 | 1236 | 1.36 | 8.99*† | 1584 | 2.20 |
| (2E)-Hexenyl isovalerate | 7.78* | 1241 | 0.07 | 7.29 | 1454 | 0.07 |
| Carvone | 7.78* | 1241 | [0.07] | 10.06 | 1669 | 0.01 |
| Piperitone | 7.92 | 1251 | 0.56 | 9.96 | 1661 | 0.58 |
| Decanol | 8.32* | 1279 | 0.23 | 10.80 | 1731 | 0.03 |
| neo-Menthol acetate | 8.32* | 1279 | [0.23] | 7.72 | 1486 | 0.21 |
| 2-Ethylmenthone? | 8.41 | 1285 | 0.04 | | | |
| Dihydroedulan I | 8.44 | 1288 | 0.09 | 7.12*† | 1442 | 0.13 |
| Menthyl acetate | 8.61* | 1299 | 4.13 | 8.16* | 1520 | [4.15] |
| Dihydroedulan II | 8.61* | 1299 | [4.13] | 7.47 | 1468 | 0.06 |
| Thymol | 8.67 | 1303 | 0.10 | 15.21* | 2134 | 0.15 |
| Isomenthyl acetate | 8.78 | 1311 | 0.19 | 8.32 | 1532 | 0.21 |
| Bicycloelemene | 9.24* | 1338 | 0.02 | 7.12*† | 1442 | [0.13] |
| Piperitenone | 9.24* | 1338 | [0.02] | 12.16 | 1848 | 0.01 |
| α-Cubebene | 9.40 | 1349 | 0.02 | 6.84* | 1421 | [0.12] |
| Menthofurolactone | 9.47 | 1354 | 0.02 | 12.06 | 1839 | 0.03 |
| α-Copaene | 9.72 | 1372 | 0.05 | 7.15*† | 1444 | [0.13] |
| β-Bourbonene | 9.83* | 1380 | 0.40 | 7.49 | 1469 | 0.37 |
| 1,5-diepi-β-Bourbonene | 9.83* | 1380 | [0.40] | 7.38 | 1461 | 0.04 |
| β-Cubebene | 9.93 | 1387 | 0.03 | 7.79 | 1491 | 0.02 |
| β-Elemene | 9.97 | 1390 | 0.07 | 8.44* | 1541 | 2.24 |
| (Z)-Jasmone | 10.02* | 1393 | 0.05 | 12.47 | 1875 | 0.02 |
| Unknown [m/z 107, 121 (79), 119 (66), 91 (58), 136 (55), 105 (49)... 194 (1)] | 10.02* | 1393 | [0.05] | | | |

| | | | | | | |
|---|--------|------|---------------|--------|---------------|--------|
| Isocaryophyllene | 10.14 | 1402 | 0.04 | 8.16* | 1520 | [4.15] |
| β-Caryophyllene | 10.30 | 1414 | 2.25 | 8.44* | 1541 | [2.24] |
| β-Copaene | 10.44 | 1424 | 0.05 | 8.38 | 1536 | 0.06 |
| trans-α-Bergamotene | 10.58 | 1434 | 0.03 | 8.44* | 1541 | [2.24] |
| Isogermacrene D | 10.64 | 1439 | 0.04 | 8.99*† | 1584 | [2.20] |
| α-Humulene | 10.75 | 1447 | 0.10 | 9.32 | 1610 | 0.13 |
| (E)-β-Farnesene | 10.91 | 1459 | 0.38 | 9.57† | 1630 | [0.71] |
| Germacrene D | 11.14 | 1476 | 1.93 | 9.82 | 1650 | 1.94 |
| Menthylactone | 11.23 | 1482 | 0.02 | 15.91 | 2205 | 0.02 |
| Bicyclogermacrene | 11.34* | 1491 | 0.35 | 10.09* | 1672 | 0.32 |
| Viridiflorene | 11.34* | 1491 | [0.35] | 9.68 | 1639 | 0.02 |
| α-Muurolene | 11.44 | 1498 | 0.09 | 10.09* | 1672 | [0.32] |
| γ-Cadinene | 11.58 | 1509 | 0.02 | 10.40 | 1697 | 0.07 |
| δ-Cadinene | 11.72 | 1520 | 0.09 | 10.44 | 1701 | 0.10 |
| Isocaryophyllene epoxide B | 12.02 | 1544 | 0.01 | 12.21 | 1852 | 0.01 |
| Spathulenol | 12.35 | 1570 | 0.04 | 14.46 | 2060 | 0.04 |
| Caryophyllene oxide isomer | 12.40* | 1573 | 0.07 | 12.74 | 1899 | 0.01 |
| Caryophyllene oxide | 12.40* | 1573 | [0.07] | 12.82 | 1906 | 0.06 |
| Viridiflorol | 12.53 | 1584 | 0.22 | 14.04 | 2020 | 0.22 |
| Isospathulenol | 13.12 | 1631 | 0.03 | 15.54 | 2167 | 0.02 |
| τ-Cadinol | 13.18* | 1636 | 0.02 | 14.95 | 2108 | 0.01 |
| τ-Muurolol | 13.18* | 1636 | [0.02] | 15.11 | 2124 | 0.01 |
| Unknown cadinol analog II [m/z 95, 121 (73), 43 (57), 79 (43), 161 (43), 109 (40)... 204 (35), 222 (2)] | 13.29 | 1645 | 0.01 | 15.21* | 2134 | [0.15] |
| α-Cadinol | 13.32 | 1648 | 0.02 | 15.57 | 2170 | 0.01 |
| Unknown [m/z 82, 81 (92), 95 (76), 67 (69), 93 (68), 107 (68), 79 (63), 91 (61)... 220 (11)] | 13.41 | 1655 | 0.01 | 14.24 | 2039 | 0.01 |
| Total identified | | | 99.27% | | 98.59% | |
| Total reported | | | 99.30% | | 98.60% | |

*: 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