

Date : August 26, 2021

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 21H12-PTH03


Customer identification : Chamomile Roman ORGANIC - CC3104213R

Type : Essential oil

Source : *Chamaemelum nobile*

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 2014-005

Analysis date : August 16, 2021

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: 1.4416 ± 0.0003 (20 °C; method PC-MAT-016)

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 |
|-------------------------|------|--------------------|
| Methacrolein | tr | Aliphatic aldehyde |
| Isobutanol | 0.05 | Aliphatic alcohol |
| Methallyl alcohol | 0.06 | Aliphatic alcohol |
| Isovaleral | 0.01 | Aliphatic aldehyde |
| 3-Methyl-2-butanone | 0.01 | Aliphatic ketone |
| 2-Methylbutyral | tr | Aliphatic aldehyde |
| Methyl isobutyrate | tr | Aliphatic ester |
| 2-Ethylfuran | tr | Furan |
| 2-Vinylfuran | tr | Furan |
| Isoamyl alcohol | 0.18 | Aliphatic alcohol |
| 2-Methylbutanol | 0.21 | Aliphatic alcohol |
| (2Z)-Pentenol | 0.02 | Aliphatic alcohol |
| Ethyl isobutyrate | 0.01 | Aliphatic ester |
| Toluene | 0.01 | Simple phenolic |
| Isobutyl acetate | tr | Aliphatic ester |
| Methyl isovalerate | 0.03 | Aliphatic ester |
| Isobutyric acid | 0.03 | Aliphatic acid |
| Methyl 2-methylbutyrate | tr | Aliphatic ester |
| Octene | 0.02 | Alkene |
| Hexanal | 0.02 | Aliphatic aldehyde |
| Methyl angelate | 0.05 | Aliphatic ester |
| 3-Methylpentanol | 1.10 | Aliphatic alcohol |
| Ethyl 2-methylbutyrate | 0.04 | Aliphatic ester |
| (3Z)-Hexenol | 0.10 | Aliphatic alcohol |
| (2E)-Hexenol | 0.05 | Aliphatic alcohol |
| Isobutyl propionate | tr | Aliphatic ester |
| Hexanol | 0.05 | Aliphatic alcohol |
| 2-Methylbutyl acetate | 0.17 | Aliphatic ester |
| Propyl methacrylate | 0.05 | Aliphatic ester |
| Nonene | 0.01 | Alkene |
| Ethyl angelate | 0.10 | Aliphatic ester |
| Isobutyl isobutyrate | 0.42 | Aliphatic ester |
| Tiglyl acetate? | 0.03 | Aliphatic ester |
| α -Pinene | 9.30 | Monoterpene |
| Methallyl isobutyrate | 0.30 | Aliphatic ester |
| α -Fenchene | 0.02 | Monoterpene |
| Camphene | 0.40 | Monoterpene |
| Isobutyl methacrylate | 0.21 | Aliphatic ester |
| Propyl 2-methylbutyrate | 0.01 | Aliphatic ester |
| Propyl isovalerate | 0.06 | Aliphatic ester |
| Benzaldehyde | 0.03 | Simple phenolic |
| Butyl isobutyrate | 0.02 | Aliphatic ester |
| Isobutyl butyrate | 2.81 | Aliphatic ester |
| Methallyl methacrylate | 0.52 | Aliphatic ester |
| β -Pinene | 0.34 | Monoterpene |

| | | |
|--|-------|------------------------|
| Sabinene | 0.11 | Monoterpene |
| Butyl methacrylate | 0.01 | Aliphatic ester |
| Octan-3-one | 0.34 | Aliphatic ketone |
| 2-Pentylfuran | 0.02 | Furan |
| Myrcene | 0.02 | Monoterpene |
| Propyl angelate | 0.67 | Aliphatic ester |
| Isobutyl 2-methylbutyrate | 0.02 | Aliphatic ester |
| Isobutyl isovalerate | 0.07 | Aliphatic ester |
| Isoamyl isobutyrate | 3.93 | Aliphatic ester |
| Methallyl 2-methylbutyrate | 0.07 | Aliphatic ester |
| 2-Methylbutyl isobutyrate | 1.26 | Aliphatic ester |
| Methallyl isovalerate? | 0.02 | Aliphatic ester |
| 3-Methyl-3-butenyl isobutyrate? | 0.01 | Aliphatic ester |
| para-Cymene | 0.05 | Monoterpene |
| 1,8-Cineole | 0.21 | Monoterpenic ether |
| Limonene | 0.04 | Monoterpene |
| Propyl tiglate | 0.01 | Aliphatic ester |
| 2-Methylbutyl methacrylate | 0.59 | Aliphatic ester |
| Isoamyl methacrylate | 0.40 | Aliphatic ester |
| Isobutyl angelate | 11.10 | Aliphatic ester |
| Prenyl isobutyrate | 0.03 | Aliphatic ester |
| Tiglyl isobutyrate? | 0.06 | Aliphatic ester |
| Unknown | 0.02 | Unknown |
| Methallyl angelate | 12.98 | Aliphatic ester |
| Isobutyl senecioate | 0.05 | Aliphatic ester |
| 3-Methylpentyl propionate? | 0.25 | Aliphatic ester |
| para-Cymenene | 0.02 | Monoterpene |
| Tiglyl methacrylate | 0.02 | Aliphatic ester |
| Isobutyl tiglate | 0.36 | Aliphatic ester |
| Butyl angelate | 0.27 | Aliphatic ester |
| 2-Methylbutyl isovalerate? | 0.01 | Aliphatic ester |
| 2-Methylbutyl 2-methylbutyrate | 0.16 | Aliphatic ester |
| Isoamyl 2-methylbutyrate | 0.01 | Aliphatic ester |
| Amyl isovalerate | 0.16 | Aliphatic ester |
| Methallyl tiglate | 0.15 | Aliphatic ester |
| α -Campholenal | 0.03 | Monoterpenic aldehyde |
| 3-Methylpentyl isobutyrate | 6.13 | Aliphatic ester |
| <i>trans</i> -Pinocarveol | 5.82 | Monoterpenic alcohol |
| <i>trans</i> -Verbenol | 0.01 | Monoterpenic alcohol |
| Camphene hydrate | 0.22 | Monoterpenic alcohol |
| 3-Methylpentyl methacrylate | 1.53 | Aliphatic ester |
| Isoamyl angelate | 6.34 | Aliphatic ester |
| 2-Methylbutyl angelate | 5.51 | Aliphatic ester |
| Unknown | 0.01 | Oxygenated monoterpene |
| Pinocarvone | 1.97 | Monoterpenic ketone |
| Benzyl acetate | 0.02 | Phenolic ester |
| Borneol | 0.21 | Monoterpenic alcohol |
| Angelyl angelate? | 0.65 | Aliphatic ester |
| Isopinocampone | 0.09 | Monoterpenic ketone |
| Terpinen-4-ol | 0.04 | Monoterpenic alcohol |
| Isobutyl 3-hydroxy-2-methylenebutyrate | 0.08 | Aliphatic ester |
| para-Cymen-8-ol | 0.04 | Monoterpenic alcohol |

| | | |
|--|---------------|-----------------------|
| Amyl angelate | 0.04 | Aliphatic ester |
| Myrtenal | 0.60 | Monoterpenic aldehyde |
| Myrtenol | 0.40 | Monoterpenic alcohol |
| Tiglyl angelate | 0.14 | Aliphatic ester |
| Verbenone | 0.06 | Monoterpenic ketone |
| 3-Methylpentyl 2-methylbutyrate? | 0.89 | Aliphatic ester |
| 3-Methylpentyl isovalerate? | 0.04 | Aliphatic ester |
| 4-Methylhexyl isobutyrate | 0.03 | Aliphatic ester |
| 2-Hydroxy-2-methylbut-3-enyl angelate | 0.01 | Aliphatic ester |
| 3-Methylpentyl angelate | 16.29 | Aliphatic ester |
| Linalyl acetate | 0.01 | Monoterpenic ester |
| (3Z)-Hexenyl angelate | 0.04 | Aliphatic ester |
| Isoamyl 3-hydroxy-2-methylenebutyrate | 0.01 | Aliphatic ester |
| Hexyl angelate | 0.03 | Aliphatic ester |
| <i>trans</i> -Pinocarvyl acetate | 0.01 | Monoterpenic ester |
| 3-Methylpentyl tiglate | 0.07 | Aliphatic ester |
| Unknown | 0.01 | Unknown |
| 7βH-Silphiperfol-5-ene | 0.02 | Sesquiterpene |
| Cyclosativene II | 0.03 | Sesquiterpene |
| α-Copaene | 0.01 | Sesquiterpene |
| 4-Methylpentyl 3-hydroxy-2-methylenebutyrate | 0.01 | Aliphatic ester |
| β-Caryophyllene | 0.02 | Sesquiterpene |
| Myrtenyl propionate? | 0.01 | Monoterpenic ester |
| α-Humulene | 0.01 | Sesquiterpene |
| (<i>E</i>)-β-Farnesene | tr | Sesquiterpene |
| Myrtenyl isobutyrate | 0.01 | Monoterpenic ester |
| β-Selinene | 0.01 | Sesquiterpene |
| (3 <i>E</i> ,6 <i>E</i>)-α-Farnesene | 0.01 | Sesquiterpene |
| δ-Cadinene | 0.01 | Sesquiterpene |
| Matricaria ester isomer I | 0.03 | Polyene ester |
| Caryophyllene oxide | 0.01 | Sesquiterpenic ether |
| Consolidated total | 97.92% | |

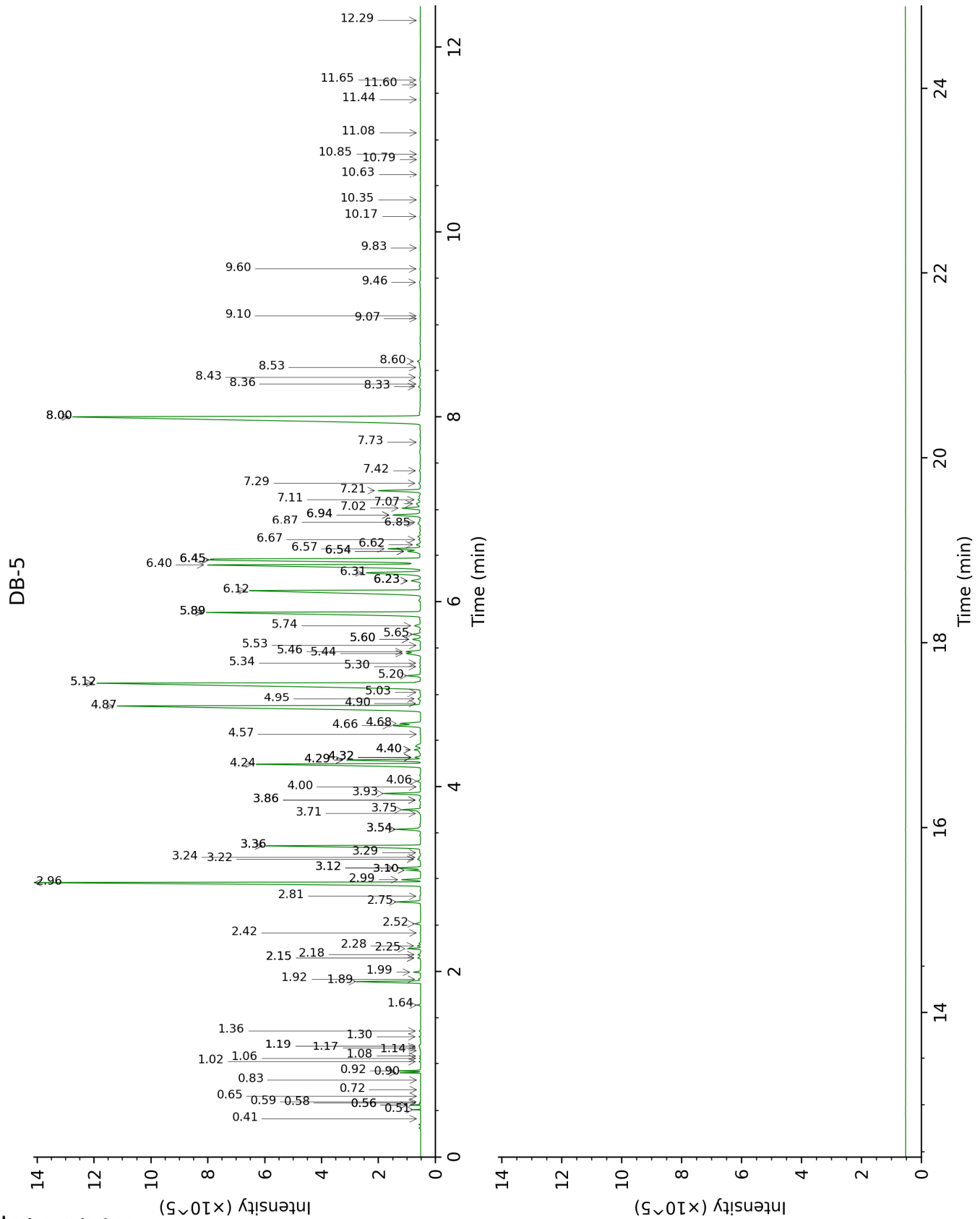
tr: The compound has been detected below 0.005% of total signal.

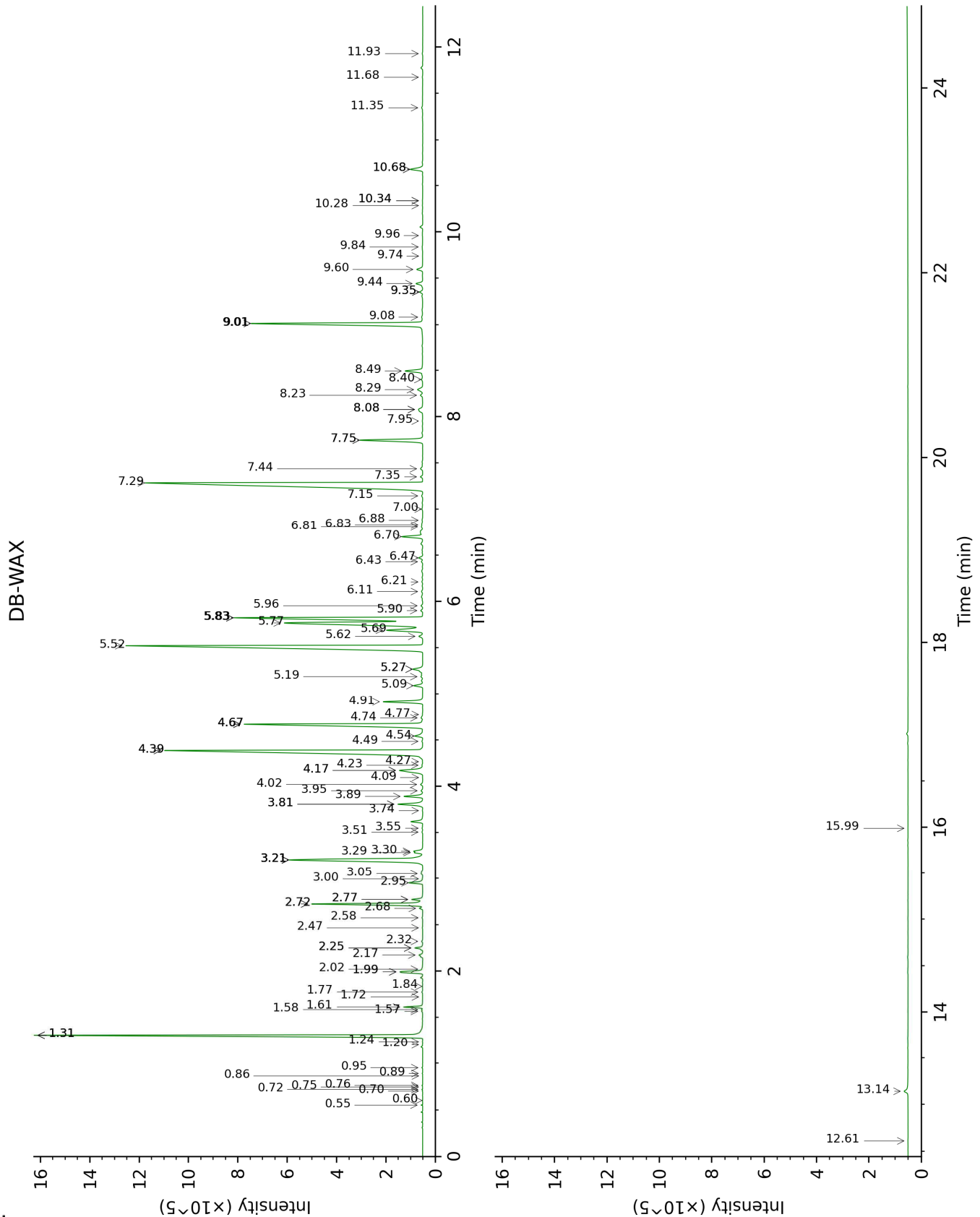
Note: no correction factor was applied

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 | % |
| Methacrolein | 0.41 | 552 | tr | 0.60 | 842 | tr |
| Isobutanol | 0.51 | 620 | 0.05 | 2.02 | 1068 | 0.02 |
| Methallyl alcohol | 0.56* | 639 | 0.07 | 3.21* | 1170 | 5.48 |
| Isovaleral | 0.56* | 639 | [0.07] | 0.72 | 887 | 0.01 |
| 3-Methyl-2-butanone | 0.58 | 648 | 0.01 | 0.76 | 901 | 0.01 |
| 2-Methylbutyral | 0.59 | 652 | tr | 0.70 | 880 | tr |
| Methyl isobutyrate | 0.65 | 676 | tr | 0.75 | 897 | tr |
| 2-Ethylfuran | 0.72 | 702 | tr | 0.86 | 918 | tr |
| 2-Vinylfuran | 0.83 | 719 | tr | 1.72 | 1037 | tr |
| Isoamyl alcohol | 0.90 | 731 | 0.18 | 3.29† | 1176 | 0.42 |
| 2-Methylbutanol | 0.92 | 734 | 0.21 | 3.30† | 1177 | [0.42] |
| (2Z)-Pentenol | 1.02 | 749 | 0.02 | 4.77 | 1290 | 0.01 |
| Ethyl isobutyrate | 1.06 | 754 | 0.01 | 0.95 | 933 | 0.01 |
| Toluene | 1.08 | 758 | 0.01 | 1.31* | 994 | 9.35 |
| Isobutyl acetate | 1.14† | 767 | 0.08 | 1.24 | 982 | tr |
| Methyl isovalerate | 1.17† | 771 | [0.08] | 1.31* | 994 | [9.35] |
| Isobutyric acid | 1.19*† | 774 | [0.08] | | | |
| Methyl 2-methylbutyrate | 1.19*† | 774 | [0.08] | 1.20 | 975 | tr |
| Octene | 1.30 | 791 | 0.02 | 0.55 | 823 | 0.01 |
| Hexanal | 1.36 | 800 | 0.02 | 1.77 | 1043 | 0.02 |
| Methyl angelate | 1.64 | 826 | 0.05 | 2.25*† | 1091 | 0.22 |
| 3-Methylpentanol | 1.89 | 848 | 1.10 | 4.91 | 1301 | 1.14 |
| Ethyl 2-methylbutyrate | 1.92 | 850 | 0.04 | 1.58 | 1024 | 0.02 |
| (3Z)-Hexenol | 1.99 | 857 | 0.10 | 5.62 | 1346 | 0.13 |
| (2E)-Hexenol | 2.15* | 870 | 0.06 | 5.96 | 1370 | 0.05 |
| Isobutyl propionate | 2.15* | 870 | [0.06] | 1.84 | 1049 | tr |
| Hexanol | 2.18 | 873 | 0.05 | 5.27* | 1321 | 0.42 |
| 2-Methylbutyl acetate | 2.25 | 878 | 0.17 | 2.25*† | 1091 | [0.22] |
| Propyl methacrylate | 2.28 | 881 | 0.05 | 2.32 | 1098 | 0.03 |
| Nonene | 2.42 | 893 | 0.01 | 0.89 | 923 | 0.01 |
| Ethyl angelate | 2.52 | 902 | 0.10 | 2.68 | 1127 | 0.08 |
| Isobutyl isobutyrate | 2.75 | 918 | 0.42 | 1.99* | 1065 | 0.76 |
| Tiglyl acetate? | 2.81 | 922 | 0.03 | 3.74 | 1212 | 0.01 |
| α-Pinene | 2.96 | 932 | 9.30 | 1.31* | 994 | [9.35] |
| Methallyl isobutyrate | 2.99 | 934 | 0.30 | 2.95 | 1149 | 0.37 |
| α-Fenchene | 3.10*† | 942 | 0.64 | 1.57 | 1022 | 0.02 |
| Camphene | 3.10*† | 942 | [0.64] | 1.61 | 1026 | 0.40 |
| Isobutyl methacrylate | 3.12*† | 943 | [0.64] | 2.77* | 1135 | 0.29 |

| | | | | | | |
|---|--------|------|---------|-------|------|--------|
| Propyl 2-methylbutyrate | 3.12*† | 943 | [0.64] | 2.47 | 1110 | 0.01 |
| Propyl isovalerate | 3.22 | 950 | 0.06 | 2.72* | 1131 | 2.87 |
| Benzaldehyde | 3.24 | 951 | 0.03 | 7.15 | 1458 | 0.04 |
| Butyl isobutyrate | 3.29 | 954 | 0.02 | 2.58 | 1119 | 0.02 |
| Isobutyl butyrate | 3.36* | 960 | 3.39 | 2.72* | 1131 | [2.87] |
| Methallyl methacrylate | 3.36* | 960 | [3.39] | 3.89 | 1224 | 0.52 |
| β-Pinene | 3.54* | 972 | 0.47 | 1.99* | 1065 | [0.76] |
| Sabinene | 3.54* | 972 | [0.47] | 2.17 | 1084 | 0.11 |
| Butyl methacrylate | 3.71 | 983 | 0.01 | 3.51 | 1194 | 0.02 |
| Octan-3-one | 3.75 | 986 | 0.34 | 3.81* | 1217 | 0.79 |
| 2-Pentylfuran | 3.86* | 993 | 0.04 | 3.55 | 1198 | 0.02 |
| Myrcene | 3.86* | 993 | [0.04] | 2.77* | 1135 | [0.29] |
| Propyl angelate | 3.93 | 998 | 0.67 | 3.81* | 1217 | [0.79] |
| Isobutyl 2-methylbutyrate | 4.00 | 1002 | 0.02 | 3.00 | 1153 | 0.01 |
| Isobutyl isovalerate | 4.06 | 1006 | 0.07 | 3.21* | 1170 | [5.48] |
| Isoamyl isobutyrate | 4.24 | 1018 | 3.93 | 3.21* | 1170 | [5.48] |
| Methallyl 2-methylbutyrate | 4.29* | 1021 | 1.32 | 4.02 | 1233 | 0.07 |
| 2-Methylbutyl isobutyrate | 4.29* | 1021 | [1.32] | 3.21* | 1170 | [5.48] |
| Methallyl isovalerate? | 4.32* | 1023 | 0.11 | 4.23 | 1249 | 0.02 |
| 3-Methyl-3-butenyl isobutyrate? | 4.32* | 1023 | [0.11] | 4.10 | 1239 | 0.01 |
| para-Cymene | 4.32* | 1023 | [0.11] | 3.95 | 1228 | 0.05 |
| 1,8-Cineole | 4.40*† | 1028 | 0.25 | 3.21* | 1170 | [5.48] |
| Limonene | 4.40*† | 1028 | [0.25] | 3.05 | 1157 | 0.04 |
| Propyl tiglate | 4.56 | 1038 | 0.01 | 4.74 | 1288 | 0.06 |
| 2-Methylbutyl methacrylate | 4.66 | 1044 | 0.59 | 4.17* | 1245 | 1.05 |
| Isoamyl methacrylate | 4.68 | 1046 | 0.40 | 4.17* | 1245 | [1.05] |
| Isobutyl angelate | 4.87 | 1058 | 11.10 | 4.39* | 1261 | 11.33 |
| Prenyl isobutyrate | 4.90 | 1059 | 0.03 | 4.67* | 1282 | 6.22 |
| Tiglyl isobutyrate? | 4.95 | 1062 | 0.06 | 4.67* | 1282 | [6.22] |
| Unknown [m/z 71, 43 (28), 41 (21), 57 (19), 98 (11)... 116 (4), 129 (1), 156 (t)] | 5.02 | 1068 | 0.02 | 6.83 | 1434 | 0.05 |
| Methallyl angelate | 5.12*† | 1074 | 13.12 | 5.52 | 1339 | 12.98 |
| Isobutyl senecioate | 5.12*† | 1074 | [13.12] | 5.19 | 1315 | 0.05 |
| 3-Methylpentyl propionate? | 5.20 | 1079 | 0.25 | | | |
| para-Cymenene | 5.30 | 1085 | 0.02 | 6.21 | 1389 | 0.02 |
| Tiglyl methacrylate | 5.34 | 1087 | 0.02 | 5.82* | 1361 | 6.42 |

| | | | | | | |
|--|-------|------|---------|--------|------|---------|
| Isobutyl tiglate | 5.44 | 1094 | 0.36 | 5.27* | 1321 | [0.42] |
| Butyl angelate | 5.46 | 1095 | 0.27 | 5.09 | 1308 | 0.27 |
| 2-Methylbutyl isovalerate? | 5.53 | 1100 | 0.01 | 4.48 | 1268 | 0.02 |
| 2-Methylbutyl 2-methylbutyrate | 5.60* | 1104 | 0.17 | 4.39* | 1261 | [11.33] |
| Isoamyl 2-methylbutyrate | 5.60* | 1104 | [0.17] | 4.27 | 1252 | 0.01 |
| Amyl isovalerate | 5.65 | 1107 | 0.16 | 4.54 | 1273 | 0.28 |
| Methallyl tiglate | 5.74 | 1113 | 0.15 | 6.47 | 1408 | 0.12 |
| α -Campholenal | 5.89* | 1122 | 6.19 | 6.88 | 1439 | 0.03 |
| 3-Methylpentyl isobutyrate | 5.89* | 1122 | [6.19] | 4.67* | 1282 | [6.22] |
| <i>trans</i> -Pinocarveol | 6.12 | 1137 | 5.82 | 9.01* | 1602 | 5.82 |
| <i>trans</i> -Verbenol | 6.23* | 1144 | 0.24 | 9.35* | 1630 | 0.09 |
| Camphene hydrate | 6.23* | 1144 | [0.24] | 8.29 | 1546 | 0.22 |
| 3-Methylpentyl methacrylate | 6.31 | 1150 | 1.53 | 5.69 | 1351 | 1.38 |
| Isoamyl angelate | 6.40 | 1155 | 6.34 | 5.77 | 1357 | 6.34 |
| 2-Methylbutyl angelate | 6.45* | 1159 | 7.73 | 5.82* | 1361 | [6.42] |
| Unknown [m/z 96, 95 (72), 67 (45), 41 (42), 55 (32), 70 (27)... 152 (t)] | 6.45* | 1159 | [7.73] | 9.96 | 1679 | 0.01 |
| Pinocarpone | 6.45* | 1159 | [7.73] | 7.75* | 1504 | 2.01 |
| Benzyl acetate | 6.54* | 1164 | 0.28 | 9.84 | 1669 | 0.02 |
| Borneol | 6.54* | 1164 | [0.28] | 9.60 | 1650 | 0.21 |
| Angelyl angelate? | 6.57 | 1166 | 0.65 | 6.70 | 1425 | 0.64 |
| Isopinocampone | 6.62 | 1169 | 0.09 | 7.44 | 1480 | 0.08 |
| Terpinen-4-ol | 6.67 | 1173 | 0.04 | 8.40 | 1554 | 0.04 |
| Isobutyl 3-hydroxy-2-methylenebutyrate | 6.85 | 1184 | 0.08 | 10.68* | 1740 | 0.45 |
| para-Cymen-8-ol | 6.87 | 1185 | 0.04 | 11.35 | 1796 | 0.03 |
| Amyl angelate | 6.94* | 1190 | 0.63 | 6.43 | 1405 | 0.04 |
| Myrtenal | 6.94* | 1190 | [0.63] | 8.49 | 1562 | 0.60 |
| Myrtenol | 7.02 | 1195 | 0.40 | 10.68* | 1740 | [0.45] |
| Tiglyl angelate | 7.06 | 1198 | 0.14 | 7.35 | 1474 | 0.07 |
| Verbenone | 7.11 | 1201 | 0.06 | 9.44 | 1637 | 0.24 |
| 3-Methylpentyl 2-methylbutyrate? | 7.21 | 1207 | 0.89 | 5.82* | 1361 | [6.42] |
| 3-Methylpentyl isovalerate? | 7.29 | 1212 | 0.04 | 5.90 | 1366 | 0.06 |
| 4-Methylhexyl isobutyrate | 7.42 | 1222 | 0.03 | | | |
| 2-Hydroxy-2-methylbut-3-enyl angelate | 7.73 | 1242 | 0.01 | 11.68 | 1825 | 0.01 |
| 3-Methylpentyl angelate | 8.00* | 1260 | 16.51 | 7.29 | 1469 | 16.29 |
| Linalyl acetate | 8.00* | 1260 | [16.51] | 7.95 | 1520 | 0.01 |

| | | | | | | |
|---|-------|---------------|------|--------|---------------|--------|
| (3Z)-Hexenyl angelate | 8.33 | 1282 | 0.04 | 8.08* | 1529 | 0.25 |
| Isoamyl 3-hydroxy-2-methylenebutyrate | 8.36 | 1284 | 0.01 | 11.93 | 1848 | 0.02 |
| Hexyl angelate | 8.43 | 1289 | 0.03 | 7.75* | 1504 | [2.01] |
| <i>trans</i> -Pinocarvyl acetate | 8.53 | 1296 | 0.01 | 9.01* | 1602 | [5.82] |
| 3-Methylpentyl tiglate | 8.60 | 1301 | 0.07 | 8.08* | 1529 | [0.25] |
| Unknown [m/z 83, 55 (79), 82 (26), 43 (25), 45 (18), 69 (15)...166 (8)] | 9.07 | 1334 | 0.01 | | | |
| 7βH-Silphiperfol-5-ene | 9.10 | 1336 | 0.02 | 6.11 | 1381 | 0.04 |
| Cyclosativene II | 9.46 | 1361 | 0.03 | 6.81 | 1433 | 0.04 |
| α-Copaene | 9.60 | 1372 | 0.01 | 7.00 | 1448 | 0.04 |
| 4-Methylpentyl 3-hydroxy-2-methylenebutyrate | 9.83 | 1388 | 0.01 | 13.14 | 1958 | 0.17 |
| β-Caryophyllene | 10.17 | 1412 | 0.02 | 8.23 | 1541 | 0.08 |
| Myrtenyl propionate? | 10.35 | 1425 | 0.01 | | | |
| α-Humulene | 10.63 | 1446 | 0.01 | 9.08 | 1608 | 0.03 |
| (<i>E</i>)-β-Farnesene | 10.79 | 1458 | tr | 9.35* | 1630 | [0.09] |
| Myrtenyl isobutyrate | 10.85 | 1463 | 0.01 | 10.34* | 1710 | 0.02 |
| β-Selinene | 11.08 | 1480 | 0.01 | 9.74 | 1661 | tr |
| (3 <i>E</i> ,6 <i>E</i>)-α-Farnesene | 11.44 | 1507 | 0.01 | 10.34* | 1710 | [0.02] |
| δ-Cadinene | 11.60 | 1519 | 0.01 | 10.28 | 1706 | 0.01 |
| Matricaria ester isomer I | 11.65 | 1523 | 0.03 | 15.99 | 2238 | 0.01 |
| Caryophyllene oxide | 12.29 | 1574 | 0.01 | 12.61 | 1909 | 0.01 |
| Total identified | | 98.63% | | | 98.11% | |
| Total reported | | 98.65% | | | 98.17% | |

*: 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