

**Date :** 2026-08-21

**CERTIFICATE OF ANALYSIS - GC PROFILING**

**SAMPLE IDENTIFICATION**

**Internal code :** 26G09-PTH03

**Customer Identification :** Cardamom - India - CA3115

**Type :** Essential Oil

**Source :** *Elettaria cardamomum*

**Customer :** Plant Therapy

Checked and approved by:

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Alexis St-Gelais, Ph. D., chimiste 2013-174

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This report is an update from the first version issued on 2026-07-15 to update the customer identification.

## *GAS CHROMATOGRAPHIC ANALYSIS*

**Method :** PC-MAT-014 - Analysis of the composition of an essential oil or other volatile liquide by FAST GC-FID

**✖ISO**

**Results :** See analysis summary (next page)

**Analyst :** Sylvain Mercier, M. Sc., Chimiste 2014-005

**Date :** 2026-07-14

## *PHYSICOCHEMICAL DATA*

**Refractive index :**  $1.4641 \pm 0.0003$  (20 °C)

**Method :** PC-MAT-016 - Measure of the refractive index of a liquid.

**Analyst :** Cindy Caron B. Sc.

**Date :** 2026-07-10

## *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                  |
|-------------------------------------|-------|------------------------|
| Isobutyral                          | 0.01  | Aliphatic aldehyde     |
| Acetic acid                         | 0.03  | Aliphatic acid         |
| 2-Methyl-3-buten-2-ol               | tr    | Aliphatic alcohol      |
| Isovaleral                          | 0.03  | Aliphatic aldehyde     |
| 2-Methylbutyral                     | 0.02  | Aliphatic aldehyde     |
| Isoamyl alcohol                     | 0.01  | Aliphatic alcohol      |
| 2-Methylbutanol                     | 0.01  | Aliphatic alcohol      |
| 2-Butyl acetate                     | tr    | Aliphatic ester        |
| Hexanal                             | 0.01  | Aliphatic aldehyde     |
| Isoamyl acetate                     | 0.01  | Aliphatic ester        |
| 2-Methylbutyl acetate               | 0.01  | Aliphatic ester        |
| Methyl 2-hydroxy-3-methylbutyrate   | 0.01  | Aliphatic ester        |
| $\alpha$ -Thujene                   | 0.39  | Monoterpene            |
| $\alpha$ -Pinene                    | 1.82  | Monoterpene            |
| $\alpha$ -Fenchene                  | 0.02  | Monoterpene            |
| Camphene                            | 0.04  | Monoterpene            |
| Sabinene                            | 2.91  | Monoterpene            |
| $\beta$ -Pinene                     | 0.42  | Monoterpene            |
| 6-Methyl-5-hepten-2-one             | 0.04  | Aliphatic ketone       |
| Methyl 2-hydroxy-3-methylvalerate   | 0.07  | Aliphatic ester        |
| Myrcene                             | 2.25  | Monoterpene            |
| $\alpha$ -Phellandrene              | 0.06  | Monoterpene            |
| Pseudolimonene                      | 0.01  | Monoterpene            |
| Octanal                             | 0.09  | Aliphatic aldehyde     |
| $\Delta^3$ -Carene                  | 0.03  | Monoterpene            |
| $\alpha$ -Terpinene                 | 0.53  | Monoterpene            |
| <i>para</i> -Cymene                 | 0.19  | Monoterpene            |
| Limonene                            | 3.46  | Monoterpene            |
| 1,8-Cineole                         | 32.31 | Monoterpenic ether     |
| (Z)- $\beta$ -Ocimene               | 0.03  | Monoterpene            |
| (E)- $\beta$ -Ocimene               | 0.08  | Monoterpene            |
| $\gamma$ -Terpinene                 | 0.92  | Monoterpene            |
| <i>cis</i> -Sabinene hydrate        | 0.18  | Monoterpenic alcohol   |
| Unknown                             | tr    | Oxygenated monoterpene |
| Octanol                             | 0.04  | Aliphatic alcohol      |
| <i>para</i> -Cymenene               | tr    | Monoterpene            |
| <i>trans</i> -Linalool oxide (fur.) | tr    | Monoterpenic alcohol   |
| Terpinolene                         | 0.40  | Monoterpene            |
| <i>trans</i> -Sabinene hydrate      | 0.14  | Monoterpenic alcohol   |
| Linalool                            | 0.27  | Monoterpenic alcohol   |

|                                                                                        |       |                       |
|----------------------------------------------------------------------------------------|-------|-----------------------|
| (E)-4,8-Dimethylnona-1,3,7-triene                                                      | 0.23  | Terpene derivative    |
| cis-para-Menth-2-en-1-ol                                                               | 0.07  | Monoterpenic alcohol  |
| trans-para-Menth-2-en-1-ol                                                             | 0.05  | Monoterpenic alcohol  |
| Borneol                                                                                | 0.07  | Monoterpenic alcohol  |
| δ-Terpineol                                                                            | 0.01  | Monoterpenic alcohol  |
| Terpinen-4-ol                                                                          | 1.24  | Monoterpenic alcohol  |
| para-Cymen-8-ol                                                                        | 0.05  | Monoterpenic alcohol  |
| α-Terpineol                                                                            | 0.97  | Monoterpenic alcohol  |
| cis-Piperitol                                                                          | 0.06  | Monoterpenic alcohol  |
| trans-Piperitol                                                                        | 0.02  | Monoterpenic alcohol  |
| Decanal                                                                                | 0.04  | Aliphatic aldehyde    |
| Octyl acetate                                                                          | 0.11  | Aliphatic ester       |
| cis-Sabinene hydrate acetate?                                                          | 0.07  | Monoterpenic ester    |
| trans-Carveol                                                                          | 0.02  | Monoterpenic alcohol  |
| Nerol                                                                                  | 0.03  | Monoterpenic alcohol  |
| Unknown                                                                                | 0.02  | Unknown               |
| Neral                                                                                  | 0.14  | Monoterpenic aldehyde |
| Geraniol                                                                               | 0.73  | Monoterpenic alcohol  |
| Linalyl acetate                                                                        | 0.75  | Monoterpenic ester    |
| Geranial                                                                               | 0.19  | Monoterpenic aldehyde |
| cis-β-Terpinyl acetate                                                                 | 0.01  | Monoterpenic ester    |
| Bornyl acetate                                                                         | 0.05  | Monoterpenic ester    |
| 2-Undecanone                                                                           | 0.02  | Aliphatic ketone      |
| Terpinen-4-yl acetate                                                                  | 0.08  | Monoterpenic ester    |
| Geranyl formate                                                                        | 0.03  | Monoterpenic ester    |
| Methyl nerate?                                                                         | 0.03  | Monoterpenic ester    |
| δ-Terpinyl acetate                                                                     | 0.20  | Monoterpenic ester    |
| Methyl geranate                                                                        | 0.18  | Monoterpenic ester    |
| trans-β-Terpinyl acetate                                                               | 0.02  | Monoterpenic ester    |
| δ-Elemene                                                                              | 0.03  | Sesquiterpene         |
| α-Terpinyl acetate                                                                     | 42.98 | Monoterpenic ester    |
| Neryl acetate                                                                          | 0.02  | Monoterpenic ester    |
| α-Copaene                                                                              | 0.06  | Sesquiterpene         |
| Methyl (E)-cinnamate                                                                   | 0.05  | Phenylpropanoid ester |
| Geranyl acetate                                                                        | 0.66  | Monoterpenic ester    |
| β-Elemene                                                                              | 0.12  | Sesquiterpene         |
| Decenyl acetate isomer II?                                                             | 0.15  | Aliphatic ester       |
| β-Caryophyllene                                                                        | 0.04  | Sesquiterpene         |
| γ-Elemene                                                                              | 0.05  | Sesquiterpene         |
| α-Terpinyl propionate                                                                  | 0.07  | Monoterpenic ester    |
| Unknown                                                                                | 0.02  | Sesquiterpene         |
| α-Humulene                                                                             | 0.01  | Sesquiterpene         |
| Geranylacetone                                                                         | 0.02  | Monoterpenic ketone   |
| 8-Acetoxy-trans-para-Menth-2-en-1-ol [2-(4-Hydroxy-4-methylcyclohex-2-enyl)propan-2-yl | 0.02  | Monoterpenic ester    |

|                                                   |              |                         |
|---------------------------------------------------|--------------|-------------------------|
| acetate]                                          |              |                         |
| Geranyl propionate                                | 0.02         | Monoterpenic ester      |
| Germacrene D                                      | 0.05         | Sesquiterpene           |
| β-Selinene                                        | 0.84         | Sesquiterpene           |
| α-Selinene                                        | 0.30         | Sesquiterpene           |
| δ-Amorphene                                       | 0.03         | Sesquiterpene           |
| γ-Cadinene                                        | 0.15         | Sesquiterpene           |
| δ-Cadinene                                        | 0.05         | Sesquiterpene           |
| Germacrene B                                      | 0.07         | Sesquiterpene           |
| (E)-Nerolidol                                     | 0.62         | Sesquiterpenic alcohol  |
| (3E,7E)-4,8,12-Trimethyl-1,3,7,11-tridecatetraene | 0.09         | Terpene derivative      |
| (5Z)-Dodecenyl acetate                            | 0.05         | Aliphatic ester         |
| Unknown                                           | 0.02         | Unknown                 |
| Unknown                                           | 0.03         | Unknown                 |
| (2E,6Z)-Farnesal                                  | 0.02         | Sesquiterpenic aldehyde |
| (2E,6E)-Farnesol                                  | 0.04         | Sesquiterpenic alcohol  |
| (2E,6E)-Farnesal                                  | 0.02         | Sesquiterpenic aldehyde |
| γ-Bicyclohomofarnesal                             | 0.02         | Terpenic aldehyde       |
| (2E,6E)-Farnesyl acetate                          | 0.03         | Sesquiterpenic ester    |
| Coronarin E                                       | 0.39         | Diterpene               |
| <b>Consolidated total</b>                         | <b>99.47</b> |                         |

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

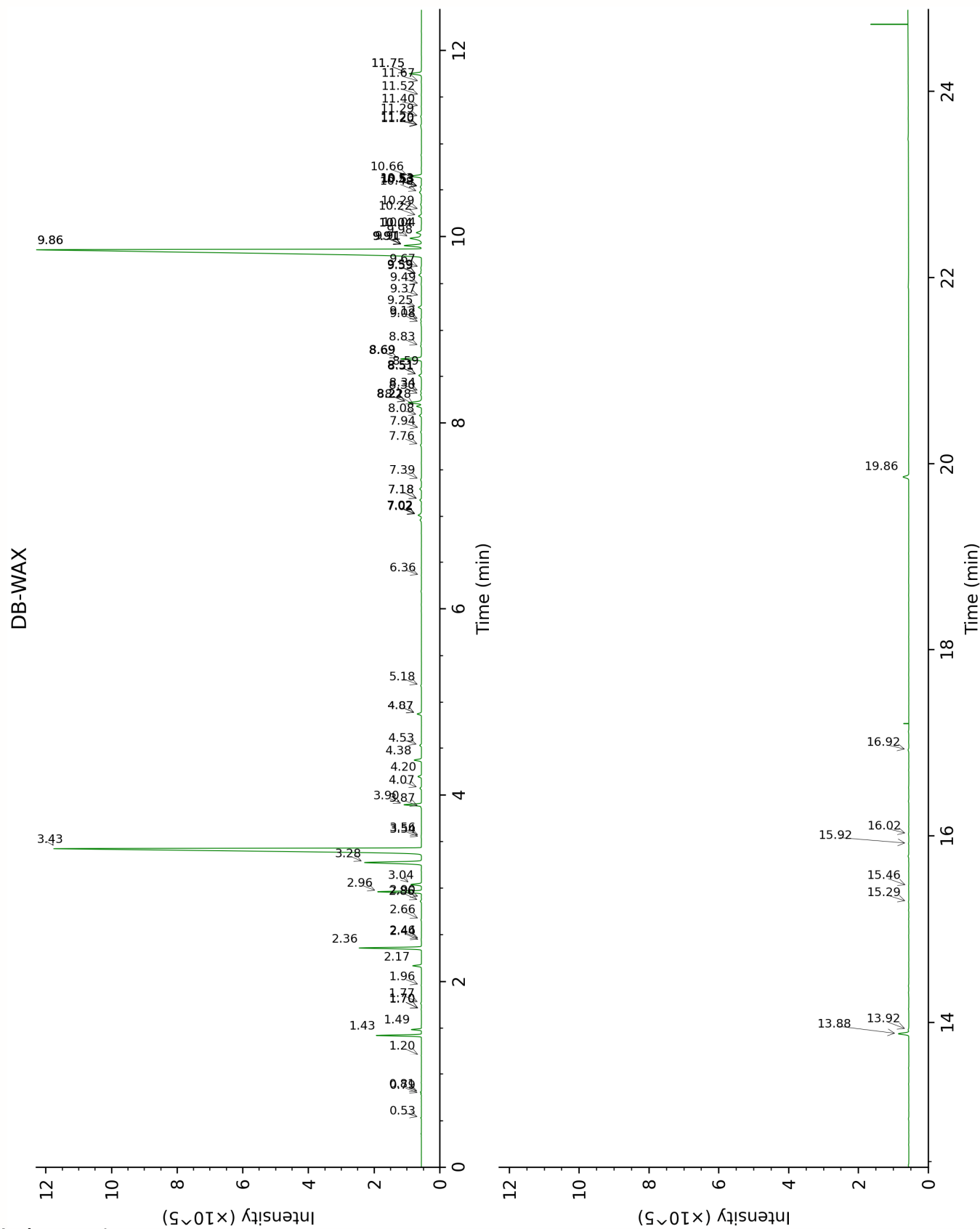
Note: no correction factor was applied

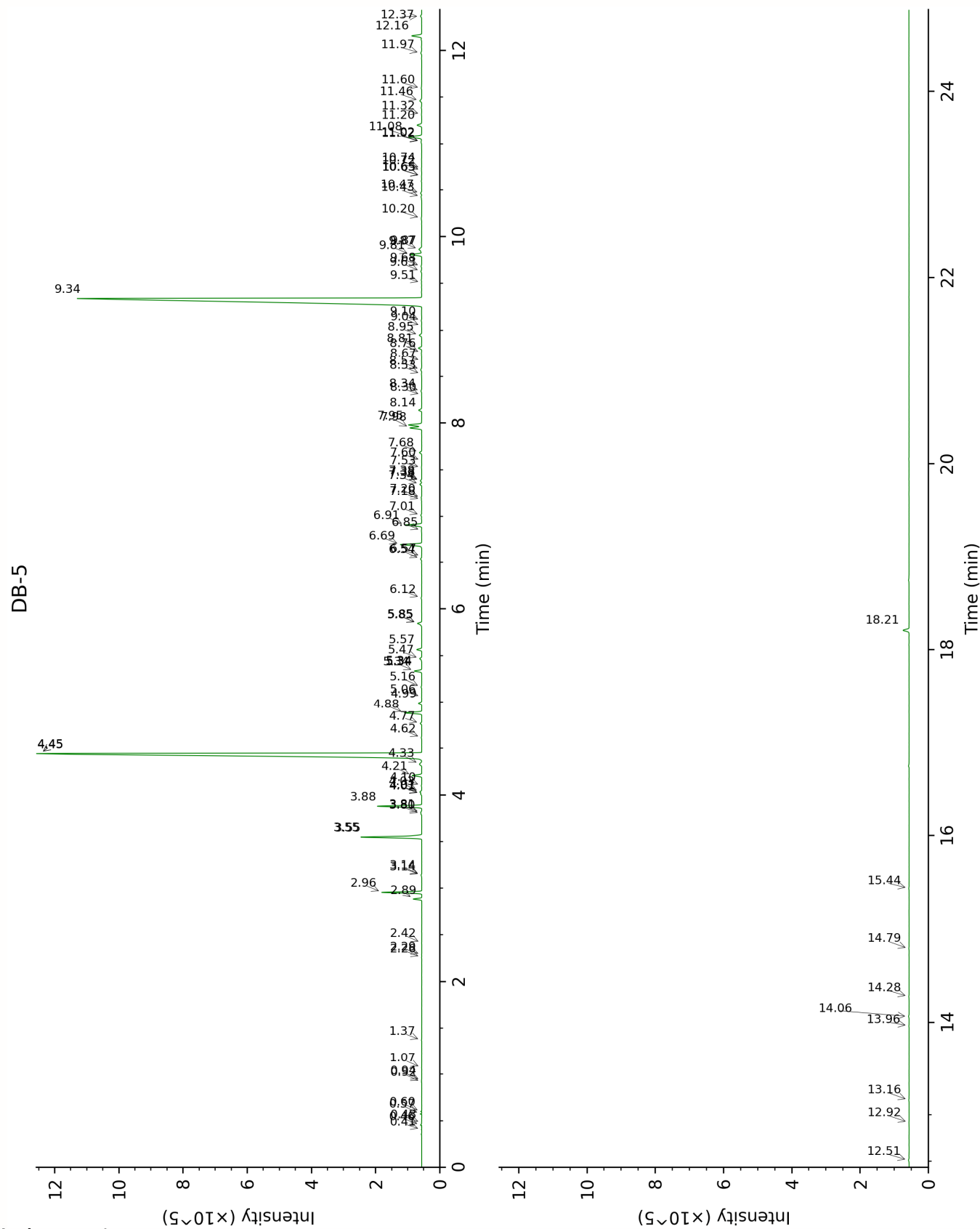
**About "consolidated" data:** The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm 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.

**Bracketed value ([xx]):** A bracketed percent value indicate that two or more compound percentage could not be solved due to coelution.

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FULL ANALYSIS DATA

| Isobutylal                                                                                           | Column DB-WAX |        |        | Column DB-5 |        |         |
|------------------------------------------------------------------------------------------------------|---------------|--------|--------|-------------|--------|---------|
|                                                                                                      | 0.53          | 775.2  | 0.02   | 0.41        | 534.1  | 0.01    |
| Acetic acid                                                                                          |               |        |        | 0.46        | 578.2  | 0.03    |
| 2-Methyl-3-buten-2-ol                                                                                | 1.70*         | 1019.1 | [0.02] | 0.48        | 601.7  | tr      |
| Isovaleral                                                                                           | 0.81          | 885.5  | 0.03   | 0.57        | 639.6  | 0.03    |
| 2-Methylbutylal                                                                                      | 0.79          | 878.1  | 0.02   | 0.60        | 650.0  | 0.02    |
| Isoamyl alcohol                                                                                      | 3.56          | 1179.9 | 0.01   | 0.92        | 731.2  | 0.01    |
| 2-Methylbutanol                                                                                      | 3.54          | 1178.6 | 0.01   | 0.94        | 734.1  | 0.01    |
| 2-Butyl acetate                                                                                      | 1.20          | 953.9  | tr     | 1.07        | 754.8  | tr      |
| Hexanal                                                                                              | 1.96          | 1044.7 | 0.01   | 1.37        | 800.1  | 0.01    |
| Isoamyl acetate                                                                                      | 2.44          | 1091.8 | 0.01   | 2.26        | 879.0  | 0.01    |
| 2-Methylbutyl acetate                                                                                | 2.46          | 1093.7 | 0.01   | 2.29        | 881.7  | 0.01    |
| Methyl 2-hydroxy-3-methylbutyrate                                                                    |               |        |        | 2.42        | 892.4  | 0.01    |
| α-Thujene                                                                                            | 1.49          | 997.9  | 0.38   | 2.89        | 926.9  | 0.39    |
| α-Pinene                                                                                             | 1.42          | 989.9  | 1.79   | 2.96        | 931.8  | 1.82    |
| α-Fenchene                                                                                           | 1.70*         | 1019.1 | [0.02] | 3.14*       | 944.3  | [0.05]  |
| Camphene                                                                                             | 1.77          | 1025.9 | 0.04   | 3.14*       | 944.3  | [0.05]  |
| Sabinene                                                                                             | 2.36          | 1084.4 | 2.91   | 3.55*       | 971.8  | [3.34]  |
| β-Pinene                                                                                             | 2.17          | 1065.6 | 0.42   | 3.55*       | 971.8  | [3.34]  |
| 6-Methyl-5-hepten-2-one                                                                              | 5.18          | 1300.5 | 0.04   | 3.80*†      | 988.5  | [0.04]  |
| Methyl 2-hydroxy-3-methylvalerate                                                                    | 7.76          | 1485.8 | 0.07   | 3.81*†      | 989.7  | [0.06]  |
| Myrcene                                                                                              | 2.96          | 1133.7 | 2.14   | 3.88        | 994.2  | 2.25    |
| α-Phellandrene                                                                                       | 2.86          | 1125.7 | 0.06   | 4.01*†      | 1003.0 | [0.06]  |
| Pseudolimonene                                                                                       | 2.90          | 1129.0 | 0.01   | 4.01*†      | 1003.0 | [0.06]  |
| Octanal                                                                                              | 4.53          | 1250.5 | 0.09   | 4.03*†      | 1004.5 | [0.11]  |
| Δ <sup>3</sup> -Carene                                                                               | 2.66          | 1110.3 | 0.03   | 4.10        | 1008.9 | 0.03    |
| α-Terpinene                                                                                          | 3.04          | 1139.7 | 0.52   | 4.21        | 1015.7 | 0.53    |
| para-Cymene                                                                                          | 4.20          | 1226.7 | 0.19   | 4.33        | 1023.5 | 0.19    |
| Limonene                                                                                             | 3.28          | 1158.0 | 3.46   | 4.44*       | 1030.7 | [35.59] |
| 1,8-Cineole                                                                                          | 3.43          | 1169.5 | 32.31  | 4.44*       | 1030.7 | [35.59] |
| (Z)-β-Ocimene                                                                                        | 3.87          | 1203.4 | 0.02   | 4.62        | 1041.5 | 0.03    |
| (E)-β-Ocimene                                                                                        | 4.07          | 1217.7 | 0.08   | 4.77        | 1051.2 | 0.08    |
| γ-Terpinene                                                                                          | 3.90          | 1205.1 | 0.91   | 4.88        | 1058.4 | 0.92    |
| cis-Sabinene hydrate                                                                                 | 7.02*         | 1431.2 | [0.23] | 4.99        | 1065.3 | 0.18    |
| Unknown PIMA I<br>[m/z 79, 93 (60), 43<br>(40), 94 (35), 137<br>(33), 77 (26), 91 (20),<br>152 (18)] | 4.87*         | 1274.5 | [0.24] | 5.06        | 1069.6 | tr      |

|                                                                            |        |        |        |       |        |        |
|----------------------------------------------------------------------------|--------|--------|--------|-------|--------|--------|
| Octanol                                                                    | 8.30   | 1526.8 | 0.05   | 5.16  | 1076.3 | 0.04   |
| <i>para</i> -Cymenene                                                      | 6.36   | 1383.6 | tr     | 5.34* | 1087.3 | [0.40] |
| <i>trans</i> -Linalool oxide (fur.)                                        | 7.02*  | 1431.2 | [0.23] | 5.34* | 1087.3 | [0.40] |
| Terpinolene                                                                | 4.38   | 1239.2 | 0.40   | 5.34* | 1087.3 | [0.40] |
| <i>trans</i> -Sabinene hydrate                                             | 8.08   | 1509.9 | 0.12   | 5.47  | 1095.7 | 0.14   |
| Linalool                                                                   | 8.18*† | 1517.4 | [0.26] | 5.57  | 1101.9 | 0.27   |
| ( <i>E</i> )-4,8-Dimethylnona-1,3,7-triene                                 | 4.87*  | 1274.5 | [0.24] | 5.85* | 1119.9 | [0.30] |
| <i>cis-para</i> -Menth-2-en-1-ol                                           | 8.22*† | 1520.4 | [0.81] | 5.85* | 1119.9 | [0.30] |
| <i>trans-para</i> -Menth-2-en-1-ol                                         | 9.08   | 1586.2 | 0.04   | 6.12  | 1137.5 | 0.05   |
| Borneol                                                                    | 9.91*  | 1651.9 | [1.01] | 6.54  | 1164.4 | 0.07   |
| δ-Terpineol                                                                | 9.59*  | 1626.7 | [0.18] | 6.57  | 1166.2 | 0.01   |
| Terpinen-4-ol                                                              | 8.69*  | 1556.1 | [1.24] | 6.69  | 1174.3 | 1.24   |
| <i>para</i> -Cymen-8-ol                                                    | 11.67  | 1798.1 | 0.02   | 6.85  | 1184.3 | 0.05   |
| α-Terpineol                                                                | 9.91*  | 1651.9 | [1.01] | 6.91  | 1188.3 | 0.97   |
| <i>cis</i> -Piperitol                                                      | 9.67   | 1633.0 | 0.05   | 7.01  | 1195.0 | 0.06   |
| <i>trans</i> -Piperitol                                                    | 10.53* | 1702.5 | [0.07] | 7.18  | 1205.7 | 0.02   |
| Decanal                                                                    | 7.39   | 1458.8 | 0.06   | 7.20  | 1207.2 | 0.04   |
| Octyl acetate                                                              | 7.18*  | 1443.0 | [0.10] | 7.34  | 1216.9 | 0.11   |
| <i>cis</i> -Sabinene hydrate acetate?                                      |        |        |        | 7.38* | 1219.5 | [0.09] |
| <i>trans</i> -Carveol                                                      | 11.52  | 1785.6 | 0.02   | 7.38* | 1219.5 | [0.09] |
| Nerol                                                                      | 11.20* | 1758.3 | [0.09] | 7.52  | 1229.0 | 0.03   |
| Unknown MISC III [m/z 43, 71 (64), 68 (54), 81 (49), 93 (34), 121 (33)...] | 7.94   | 1499.2 | tr     | 7.60  | 1234.2 | 0.02   |
| Neral                                                                      | 9.59*  | 1626.7 | [0.18] | 7.68  | 1239.8 | 0.14   |
| Geraniol                                                                   | 11.75* | 1805.9 | [0.74] | 7.95† | 1257.7 | 0.68   |
| Linalyl acetate                                                            | 8.22*† | 1520.4 | [0.81] | 7.98† | 1259.8 | 0.80   |
| Geranial                                                                   | 10.22  | 1677.0 | 0.18   | 8.14  | 1270.5 | 0.19   |
| <i>cis</i> -β-Terpinyl acetate                                             | 8.58   | 1548.2 | 0.03   | 8.30  | 1281.5 | 0.01   |
| Bornyl acetate                                                             | 8.34   | 1529.5 | 0.04   | 8.34  | 1284.3 | 0.05   |
| 2-Undecanone                                                               | 8.69*  | 1556.1 | [1.24] | 8.52  | 1296.4 | 0.02   |
| Terpinen-4-yl acetate                                                      | 8.83   | 1567.2 | 0.06   | 8.57  | 1299.7 | 0.08   |
| Geranyl formate                                                            | 10.04* | 1662.9 | [0.36] | 8.67  | 1306.3 | 0.03   |
| Methyl nerate?                                                             |        |        |        | 8.76  | 1312.6 | 0.03   |
| δ-Terpinyl acetate                                                         | 9.25   | 1599.3 | 0.19   | 8.81  | 1316.3 | 0.20   |

|                                                                                                                   |        |        |         |        |        |        |
|-------------------------------------------------------------------------------------------------------------------|--------|--------|---------|--------|--------|--------|
| Methyl geranate                                                                                                   | 9.91*  | 1651.9 | [1.01]  | 8.95   | 1326.1 | 0.18   |
| <i>trans</i> -β-Terpinyl acetate                                                                                  | 9.49   | 1618.9 | 0.03    | 9.04   | 1332.9 | 0.02   |
| δ-Elemene                                                                                                         | 7.02*  | 1431.2 | [0.23]  | 9.10   | 1337.0 | 0.03   |
| α-Terpinyl acetate                                                                                                | 9.86*  | 1648.3 | [43.08] | 9.34   | 1353.9 | 42.98  |
| Neryl acetate                                                                                                     | 10.29  | 1682.4 | 0.04    | 9.51   | 1365.8 | 0.02   |
| α-Copaene                                                                                                         | 7.18*  | 1443.0 | [0.10]  | 9.63   | 1374.5 | 0.06   |
| Methyl ( <i>E</i> )-cinnamate                                                                                     | 13.92  | 2001.6 | 0.04    | 9.68   | 1378.3 | 0.05   |
| Geranyl acetate                                                                                                   | 10.66  | 1712.9 | 0.66    | 9.81   | 1387.2 | 0.66   |
| β-Elemene                                                                                                         | 8.51*  | 1542.7 | [0.17]  | 9.87*  | 1391.1 | [0.27] |
| Decenyl acetate isomer II?                                                                                        |        |        |         | 9.87*  | 1391.1 | [0.27] |
| β-Caryophyllene                                                                                                   | 8.51*  | 1542.7 | [0.17]  | 10.20  | 1415.2 | 0.04   |
| γ-Elemene                                                                                                         | 9.12   | 1588.8 | 0.05    | 10.43  | 1432.3 | 0.05   |
| α-Terpinyl propionate                                                                                             | 10.53* | 1702.5 | [0.07]  | 10.47  | 1435.3 | 0.07   |
| Unknown ELCA I<br>[m/z 43, 109 (35), 96 (23), 93 (22), 137 (21), 81 (20)...204 (5)]                               |        |        |         | 10.65* | 1449.4 | [0.03] |
| α-Humulene                                                                                                        | 9.37   | 1608.8 | 0.01    | 10.65* | 1449.4 | [0.03] |
| Geranylacetone                                                                                                    | 11.75* | 1805.9 | [0.74]  | 10.72  | 1454.0 | 0.02   |
| 8-Acetoxy- <i>trans</i> - <i>para</i> -Menth-2-en-1-ol [2-(4-Hydroxy-4-methylcyclohex-2-enyl)propan-2-yl acetate] | 15.29  | 2134.9 | 0.02    | 10.74  | 1455.7 | 0.02   |
| Geranyl propionate                                                                                                | 11.40  | 1775.5 | 0.02    | 11.02* | 1477.0 | [0.07] |
| Germacrene D                                                                                                      | 9.86*  | 1648.3 | [43.08] | 11.02* | 1477.0 | [0.07] |
| β-Selinene                                                                                                        | 9.98   | 1658.1 | 0.92    | 11.08  | 1481.0 | 0.84   |
| α-Selinene                                                                                                        | 10.04* | 1662.9 | [0.36]  | 11.20  | 1490.4 | 0.30   |
| δ-Amorphene                                                                                                       | 10.04* | 1662.9 | [0.36]  | 11.32  | 1499.0 | 0.03   |
| γ-Cadinene                                                                                                        | 10.48  | 1697.8 | 0.18    | 11.46  | 1510.2 | 0.15   |
| δ-Cadinene                                                                                                        | 10.53* | 1702.5 | [0.07]  | 11.60  | 1520.7 | 0.05   |
| Germacrene B                                                                                                      | 11.20* | 1758.3 | [0.09]  | 11.97  | 1550.4 | 0.07   |
| ( <i>E</i> )-Nerolidol                                                                                            | 13.88  | 1997.6 | 0.62    | 12.16  | 1565.1 | 0.62   |
| (3 <i>E</i> ,7 <i>E</i> )-4,8,12-Trimethyl-1,3,7,11-tridecatetraene                                               | 11.29  | 1766.4 | 0.05    | 12.37  | 1581.8 | 0.09   |
| (5 <i>Z</i> )-Dodecenyl acetate                                                                                   |        |        |         | 12.51  | 1593.1 | 0.05   |
| Unknown ELCA II<br>[m/z 43, 71 (53), 108                                                                          |        |        |         | 12.92  | 1626.0 | 0.02   |

|                                                                                     |       |        |      |       |        |      |
|-------------------------------------------------------------------------------------|-------|--------|------|-------|--------|------|
| (47), 126 (41), 109<br>(35), 93 (25)...                                             |       |        |      |       |        |      |
| Unknown ELCA III<br>[m/z 43, 135 (59), 94<br>(33), 59 (25), 137<br>(25), 93 (19)... |       |        |      | 13.16 | 1646.0 | 0.03 |
| (2E,6Z)-Farnesal                                                                    | 15.46 | 2151.9 | 0.02 | 13.96 | 1713.3 | 0.02 |
| (2E,6E)-Farnesol                                                                    | 16.92 | 2302.7 | 0.05 | 14.06 | 1722.0 | 0.04 |
| (2E,6E)-Farnesal                                                                    | 15.92 | 2198.2 | 0.02 | 14.28 | 1740.5 | 0.02 |
| γ-<br>Bicyclohomofarnesal                                                           |       |        |      | 14.79 | 1785.2 | 0.02 |
| (2E,6E)-Farnesyl<br>acetate                                                         | 16.02 | 2208.6 | 0.02 | 15.44 | 1843.4 | 0.03 |
| Coronarín E                                                                         | 19.86 | 2636.8 | 0.39 | 18.21 | 2110.3 | 0.39 |
| Total reported                                                                      |       | 98.59% |      |       | 99.30% |      |

\*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, only the first one is 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