

Date : 2026-06-08

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

**Internal code :** 26D08-PTH07

**Customer Identification :** Chamomile German - Egypt - C80110

**Type :** Essential Oil

**Source :** *Matricaria chamomilla*

**Customer :** Plant Therapy

Checked and approved by:

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Sylvain Mercier, M. Sc., Chimiste 2014-005

*Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia. This report is digitally signed, it is only considered valid if the digital signature is intact. The results only describe the samples that were submitted to the assays. The compliance status of the sample is provided to facilitate the reading of the report. The client remains ultimately responsible for reviewing the results presented within this report and to establish compliance of the tested batch against relevant quality criteria.*

*This report is an update of the version first issued on 2026-04-10 to make a correction in the sample identification section.*

## 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 :** Jean-Christophe Fortin, M. Sc.

**Date :** 2026-04-09

## PHYSICOCHEMICAL DATA

**Refractive index :**  $1.5036 \pm 0.0003$  (20 °C)

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

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

**Date :** 2026-04-08

## 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
3-Buten-2-one	0.01	Aliphatic ketone
Isovaleral	0.02	Aliphatic aldehyde
2-Methylbutyral	0.03	Aliphatic aldehyde
2-Vinylfuran	0.01	Furan
Toluene	0.01	Simple phenolic
Hexanal	0.01	Aliphatic aldehyde
Octane	tr	Alkane
Ethyl 2-methylbutyrate	0.13	Aliphatic ester
Ethyl isovalerate	0.01	Aliphatic ester
Heptanal	tr	Aliphatic aldehyde
Santolinatriene	0.01	Monoterpene
$\alpha$ -Pinene	0.02	Monoterpene
Camphene	0.01	Monoterpene
Propyl 2-methylbutyrate	0.05	Aliphatic ester
Benzaldehyde	0.01	Simple phenolic
Sabinene	0.02	Monoterpene
$\beta$ -Pinene	0.03	Monoterpene
6-Methyl-5-hepten-2-one	0.05	Aliphatic ketone
Myrcene	0.01	Monoterpene
2-Pentylfuran	0.03	Furan
Unknown	0.01	Monoterpene
$\alpha$ -Phellandrene	0.02	Monoterpene
Octanal	0.04	Aliphatic aldehyde
Yomogi alcohol	0.05	Monoterpenic alcohol
$\alpha$ -Terpinene	0.01	Monoterpene
<i>para</i> -Cymene	0.11	Monoterpene
1,8-Cineole	0.02	Monoterpenic ether
Limonene	0.04	Monoterpene
(Z)- $\beta$ -Ocimene	0.06	Monoterpene
Seudenone?	0.02	Aliphatic ketone
(E)- $\beta$ -Ocimene	0.31	Monoterpene
$\gamma$ -Terpinene	0.15	Monoterpene
Artemisia ketone	0.32	Monoterpenic ketone
Octanol	0.02	Aliphatic alcohol
Artemisia alcohol	0.09	Monoterpenic alcohol
Terpinolene	0.03	Monoterpene
Linalool	0.02	Monoterpenic alcohol
Nonanal	0.06	Aliphatic aldehyde
Unknown	0.02	Oxygenated monoterpene
Camphor	0.01	Monoterpenic ketone

Borneol	0.05	Monoterpenic alcohol
Artemisyl acetate	0.03	Monoterpenic ester
Nonanol	0.02	Aliphatic alcohol
Terpinen-4-ol	0.01	Monoterpenic alcohol
$\alpha$ -Terpineol	0.06	Monoterpenic alcohol
Creosol	0.02	Simple phenolic
Safranal	0.03	Monoterpenic aldehyde
Decanal	0.01	Aliphatic aldehyde
Citronellol	0.01	Monoterpenic alcohol
4,8-Dimethylnona-3,7-dien-2-one	0.05	Terpenic ketone
(3Z)-Hexenyl isovalerate	0.03	Aliphatic ester
Carvone	0.02	Monoterpenic ketone
(2E)-Hexenyl isovalerate	0.02	Aliphatic ester
Hexyl isovalerate	0.01	Aliphatic ester
Geraniol	0.01	Monoterpenic alcohol
$\alpha$ -Ionene	0.02	Terpene derivative
4,8-Dimethylnona-3,8-dien-2-one	0.01	Terpenic ketone
(E)-4,8-Dimethylnona-3,8-dien-2-one	0.04	Terpenic ketone
Pelargonic acid	0.12	Aliphatic acid
<i>trans</i> -Chrysanthemyl acetate	0.01	Monoterpenic ester
Lavandulyl acetate	0.05	Monoterpenic ester
Thymol	0.01	Monoterpenic alcohol
Tridecane	0.03	Alkane
(2E,4E)-Decadienal	0.01	Aliphatic aldehyde
Bicycloelemene	0.03	Sesquiterpene
7 $\beta$ H-Silphiperfol-5-ene	0.01	Sesquiterpene
$\alpha$ -Longipinene	0.04	Sesquiterpene
Dehydro-ar-ionene	0.03	Miscellaneous
Modhephene	0.02	Sesquiterpene
$\alpha$ -Copaene	0.04	Sesquiterpene
$\alpha$ -Isocomene	0.08	Sesquiterpene
Capric acid	1.36	Aliphatic acid
$\beta$ -Elemene	0.08	Sesquiterpene
(Z)-Jasmone	0.03	Jasmonate
$\beta$ -Isocomene	0.01	Sesquiterpene
Isocaryophyllene	0.04	Sesquiterpene
$\beta$ -Caryophyllene	0.10	Sesquiterpene
$\beta$ -Copaene	0.01	Sesquiterpene
$\alpha$ -Maaliene	0.03	Sesquiterpene
Aromadendrene	0.07	Sesquiterpene
Striatene?	0.04	Sesquiterpene
$\alpha$ -Humulene	0.04	Sesquiterpene
allo-Aromadendrene	0.10	Sesquiterpene
(E)- $\beta$ -Farnesene	15.99	Sesquiterpene
Precocene I	0.13	Chromane

Dehydrosesquicineole	0.04	Sesquiterpenic ether
γ-Muurolene	0.09	Sesquiterpene
Germacrene D	0.98	Sesquiterpene
β-Selinene	0.14	Sesquiterpene
ar-Curcumene	0.06	Sesquiterpene
Bicyclogermacrene	0.82	Sesquiterpene
α-Selinene	0.04	Sesquiterpene
Viridiflorene	0.08	Sesquiterpene
α-Zingiberene	0.04	Sesquiterpene
α-Muurolene	0.15	Sesquiterpene
(3Z,6E)-α-Farnesene	0.02	Sesquiterpene
γ-Cadinene	0.16	Sesquiterpene
(3E,6E)-α-Farnesene	0.87	Sesquiterpene
3,6-Dihydrochamazulene	0.53	Azulene
Dihydrochamazulene isomer I	0.12	Azulene
δ-Cadinene	0.19	Sesquiterpene
trans-Calamenene	0.01	Sesquiterpene
β-Sesquiphellandrene	0.10	Sesquiterpene
Unknown	0.03	Oxygenated sesquiterpene
α-Cadinene	0.03	Sesquiterpene
(E)-α-Bisabolene	0.02	Sesquiterpene
Salviadienol?	0.02	Sesquiterpenic alcohol
Sesquirosefuran?	0.07	Sesquiterpenic ether
Unknown MARE XVI [m/z 43, 93 (84), 120 (51), 81 (41), 79 (34)...]	0.16	Oxygenated sesquiterpene
(E)-Nerolidol	0.04	Sesquiterpenic alcohol
Spathulenol	0.89	Sesquiterpenic alcohol
Caryophyllene oxide isomer	0.02	Sesquiterpenic ether
Dendrolasin	0.19	Sesquiterpenic ether
Caryophyllene oxide	0.02	Sesquiterpenic ether
Unknown	0.21	Oxygenated sesquiterpene
Viridiflorol	0.10	Sesquiterpenic alcohol
Salvial-4(14)-en-1-one	0.05	Aliphatic alcohol
Ledol	0.09	Sesquiterpenic alcohol
Torilenol	0.10	Oxygenated sesquiterpene
5,6-Dihydrochamazulene	0.16	Azulene
(2,7Z)-Bisaboladien-4-ol	0.15	Sesquiterpenic alcohol
Alismol?	0.16	Oxygenated sesquiterpene
Bisabolol oxide, epimer IV?	0.23	Sesquiterpenic alcohol
Unknown	0.09	Unknown
τ-Muurolol	0.05	Sesquiterpenic alcohol
τ-Cadinol	0.57	Sesquiterpenic alcohol
Unknown	0.06	Unknown
α-Eudesmol	0.14	Sesquiterpenic alcohol
α-Bisabolol oxide B, epimer 1	0.24	Sesquiterpenic alcohol

α-Bisabolol oxide B, epimer 2	5.37	Sesquiterpenic alcohol
Ageratochromene	0.31	Chromane
epi-β-Bisabolol	0.07	Sesquiterpenic alcohol
(E)-Bisabol-11-ol	0.03	Sesquiterpenic alcohol
β-Bisabolol	0.11	Sesquiterpenic alcohol
Bisabolone oxide A	4.34	Sesquiterpenic ketone
α-Bisabolol	7.66	Sesquiterpenic alcohol
(2E,6Z)-Farnesol	0.04	Sesquiterpenic alcohol
Herniarin	0.12	Coumarin
Chamazulene	2.24	Azulene
α-Bisabolol oxide A	37.93	Sesquiterpenic alcohol
Bisabolol oxide, epimer I	0.05	Sesquiterpenic alcohol
Benzyl benzoate	0.04	Phenolic ester
Bisabolol oxide, epimer II	0.16	Sesquiterpenic alcohol
Bisabolol oxide, epimer III	0.03	Sesquiterpenic alcohol
α-Costol?	0.23	Sesquiterpenic alcohol
Neophytadiene	0.06	Diterpene
Phytone	0.33	Terpenic ketone
(Z)-Spiroether	3.79	Polyyne
(E)-Spiroether	0.47	Polyyne
(Z)-Tibetin spiroether	0.05	Polyyne
Methyl palmitate	0.05	Aliphatic ester
(E)-Tibetin spiroether	0.14	Polyyne
Palmitic acid	1.45	Aliphatic acid
Ethyl palmitate	0.02	Aliphatic ester
Eicosane	0.03	Alkane
Octadecanol	0.07	Aliphatic alcohol
Methyl linoleate	0.03	Aliphatic ester
Heneicosane	0.03	Alkane
Phytol	0.14	Diterpenic alcohol
Linoleic acid	0.39	Aliphatic acid
Oleic acid	0.40	Aliphatic acid
(9Z)-18-Octadecenolide?	0.08	Aliphatic lactone
Docosane	0.02	Alkane
Tricosane	0.29	Alkane
Tetracosane	0.08	Alkane
Pentacosane	0.59	Alkane
Hexacosane	0.05	Alkane
Heptacosane	0.12	Alkane
Unknown	0.05	Unknown
Unknown	0.05	Unknown
Unknown	0.11	Oxygenated triterpene
Unknown	0.05	Oxygenated triterpene
<b>Consolidated total</b>	<b>96.87</b>	

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

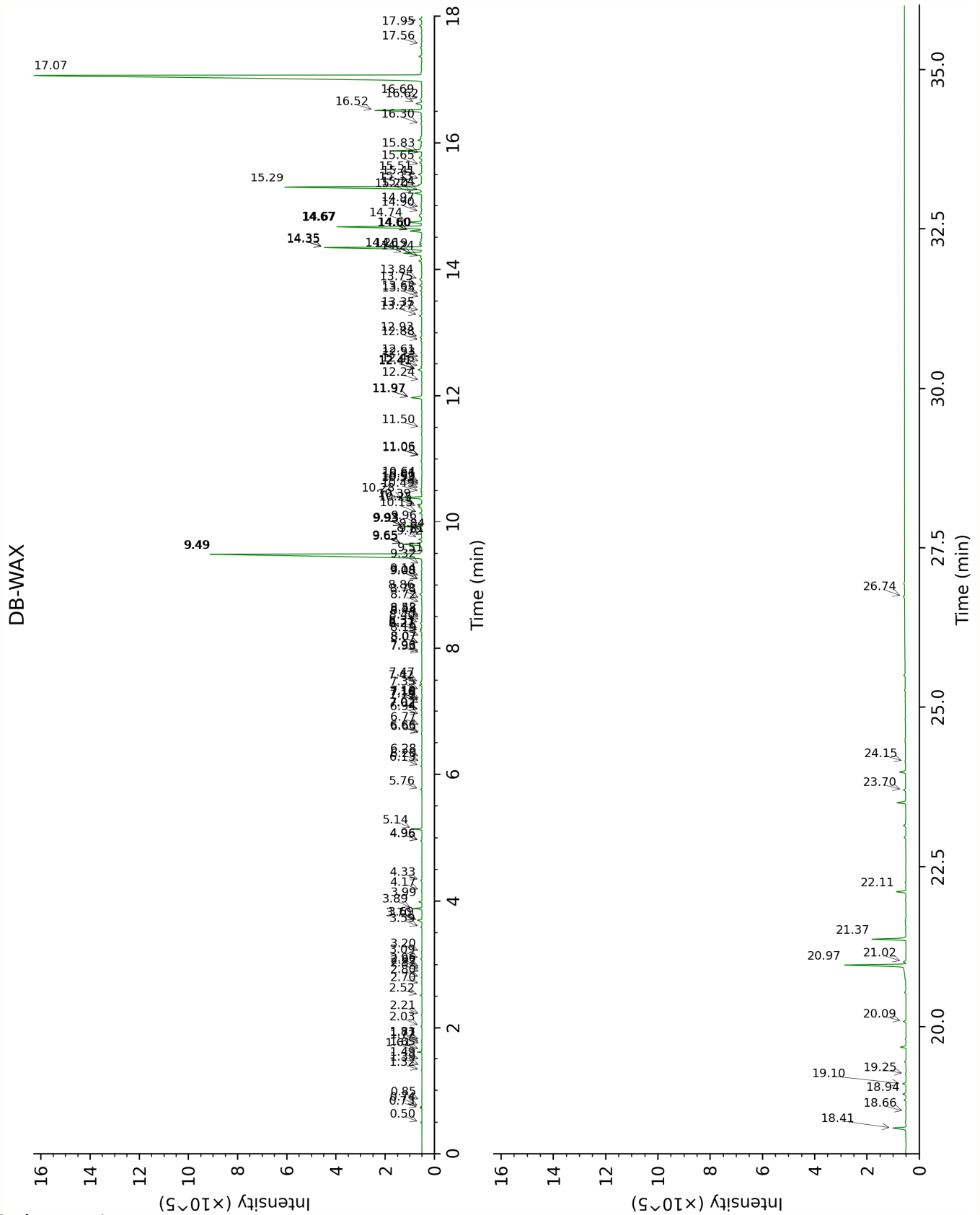
Note: no correction factor was applied

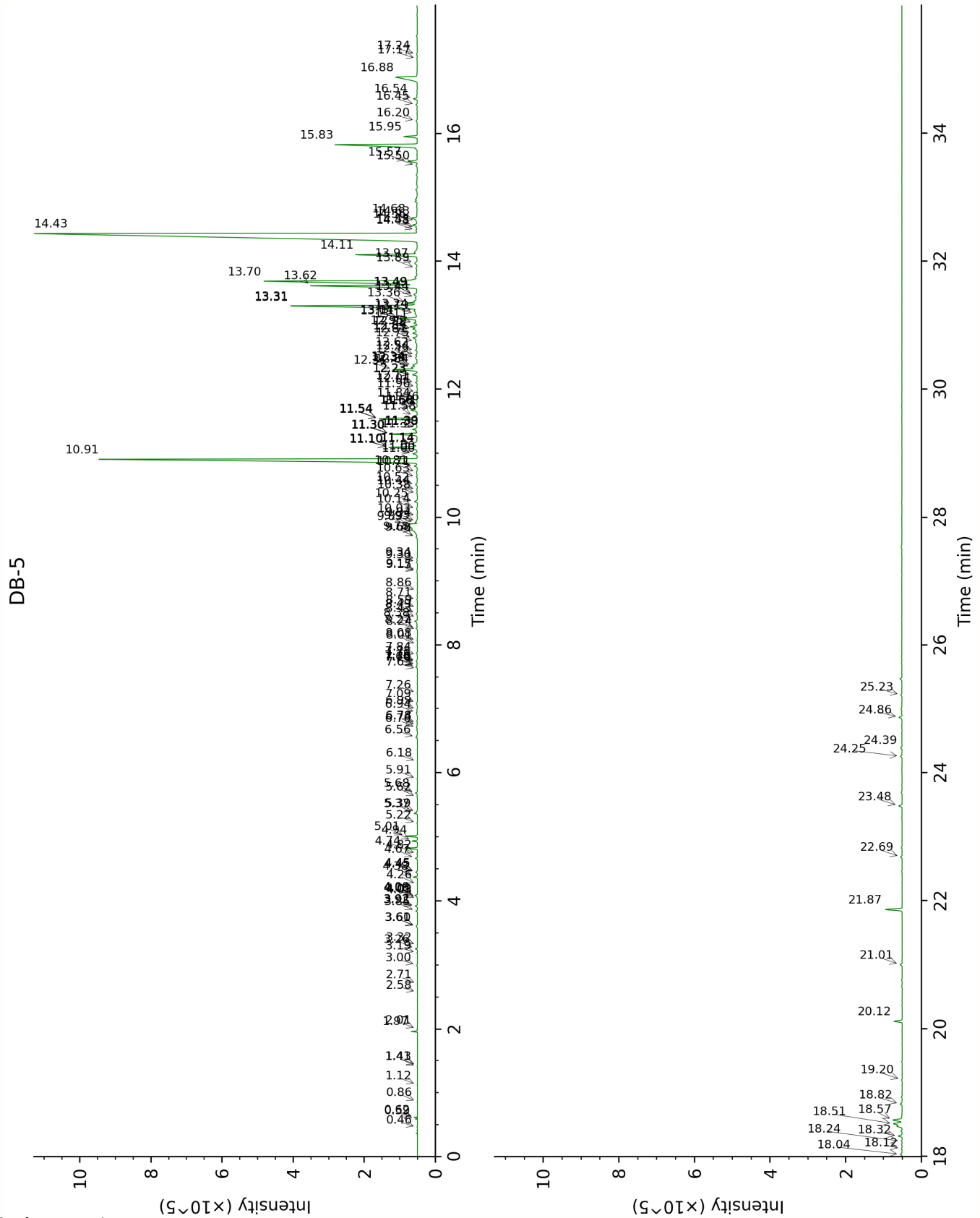
**About "consolidated" data:** The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

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





FULL ANALYSIS DATA

3-Buten-2-one	Column DB-WAX			Column DB-5		
	0.85	914.6	0.01	0.46	579.1	0.01
Isovaleral	0.74	888.1	0.02	0.59	642.5	0.02
2-Methylbutyral	0.73	881.9	0.03	0.62	652.9	0.03
2-Vinylfuran	1.72	1035.0	0.01	0.86	720.6	0.01
Toluene	1.39	1001.9	0.01	1.12	759.0	0.01
Hexanal	1.81	1043.6	0.01	1.41	800.0	0.01
Octane	0.50	788.6	0.02	1.43	803.6	tr
Ethyl 2-methylbutyrate	1.61	1023.9	0.12	1.97	849.7	0.13
Ethyl isovalerate	1.77	1039.4	0.01	2.01	853.2	0.01
Heptanal	2.92	1143.3	tr	2.58	901.7	tr
Santolinatriene	1.49	1012.1	tr	2.71	911.0	0.01
$\alpha$ -Pinene	1.32	990.3	0.02	3.00	930.8	0.02
Camphene	1.64	1027.4	0.01	3.19	943.4	0.01
Propyl 2-methylbutyrate	2.52	1111.6	0.05	3.26	947.6	0.05
Benzaldehyde	7.19	1456.9	0.01	3.32	951.7	0.01
Sabinene	2.21	1083.1	0.02	3.60	970.8	0.02
$\beta$ -Pinene	2.03	1065.1	0.03	3.61	971.5	0.03
6-Methyl-5-hepten-2-one	4.96*	1297.9	[0.04]	3.84	987.2	0.05
Myrcene	2.80	1133.4	0.01	3.92*	992.3	[0.08]
2-Pentylfuran	3.59	1196.4	0.03	3.92*	992.3	[0.08]
Unknown ACMI II [m/z 93, 91 (46), 80 (44), 79 (42), 77 (33), 92 (20)... 136 (4)]	2.96	1145.9	0.01	4.03	999.8	0.01
$\alpha$ -Phellandrene	2.70	1125.5	0.02	4.06	1001.9	0.02
Octanal	4.33	1251.2	0.04	4.09*	1003.6	[0.08]
Yomogi alcohol	6.13	1378.6	0.05	4.09*	1003.6	[0.08]
$\alpha$ -Terpinene	2.87	1139.1	0.01	4.26	1014.5	0.01
<i>para</i> -Cymene	3.99	1226.3	0.11	4.38	1021.8	0.11
1,8-Cineole	3.20	1165.4	0.02	4.45*	1026.5	[0.06]
Limonene	3.09	1156.5	0.04	4.45*	1026.5	[0.06]
(Z)- $\beta$ -Ocimene	3.69	1204.1	0.05	4.67	1040.3	0.06
Seudenone?	8.18	1532.9	0.02	4.74	1044.7	0.02
(E)- $\beta$ -Ocimene	3.89	1218.6	0.31	4.82	1050.2	0.31
$\gamma$ -Terpinene	3.70	1205.0	0.16	4.94	1057.4	0.15
Artemisia ketone	5.14	1306.7	0.32	5.01	1062.2	0.32
Octanol	8.07*	1524.2	[0.02]	5.22	1075.2	0.02
Artemisia alcohol	7.42	1474.6	0.09	5.37	1085.0	0.09
Terpinolene	4.17	1239.6	0.03	5.39	1086.4	0.03
Linalool	7.96	1515.2	0.02	5.62	1101.0	0.02

Nonanal	5.76	1351.9	0.06	5.68	1105.0	0.06
Unknown ARAN IV [m/z 43, 81 (62), 59 (60), 85 (49), 82 (38)... 154 (2)]				5.90	1119.3	0.02
Camphor	7.11	1451.3	0.03	6.18	1137.0	0.01
Borneol	9.65*	1649.1	[1.09]	6.56	1161.6	0.05
Artemisyl acetate	6.28	1389.2	0.02	6.70	1171.0	0.03
Nonanol	9.32	1622.5	0.04	6.74	1173.8	0.02
Terpinen-4-ol	8.44	1552.8	0.02	6.78	1176.4	0.01
$\alpha$ -Terpineol	9.65*	1649.1	[1.09]	6.94	1186.5	0.06
Creosol	12.41*	1886.1	[0.20]	6.98	1189.6	0.02
Safranal	8.78	1579.5	0.03	7.09	1196.2	0.03
Decanal	7.16*	1454.9	[0.03]	7.26	1207.5	0.01
Citronellol	10.61	1729.1	0.01	7.63	1232.9	0.01
4,8-Dimethylnona- 3,7-dien-2-one				7.66	1235.0	0.05
(3Z)-Hexenyl isovalerate	7.02*	1444.2	[0.04]	7.70	1237.2	0.03
Carvone	9.84	1664.8	0.02	7.74*	1240.7	[0.04]
(2E)-Hexenyl isovalerate	7.16*	1454.9	[0.03]	7.74*	1240.7	[0.04]
Hexyl isovalerate	6.66	1417.4	0.01	7.84	1247.3	0.01
Geraniol	11.50	1805.3	0.02	8.01	1258.8	0.01
$\alpha$ -Ionene	6.77	1425.6	0.01	8.08	1263.3	0.02
4,8-Dimethylnona- 3,8-dien-2-one	9.08*	1602.8	[0.04]	8.24	1274.5	0.01
(E)-4,8-Dimethylnona- 3,8-dien-2-one	9.08*	1602.8	[0.04]	8.26	1276.3	0.04
Pelargonic acid				8.38	1283.8	0.12
<i>trans</i> -Chrysanthemyl acetate	8.48	1556.4	0.01	8.43	1287.5	0.01
Lavandulyl acetate	8.72	1575.0	0.02	8.49	1291.9	0.05
Thymol	14.97	2129.4	0.04	8.59	1298.3	0.01
Tridecane	4.96*	1297.9	[0.04]	8.71	1306.8	0.03
(2E,4E)-Decadienal	11.06	1767.1	0.02	8.86	1313.7	0.01
Bicycloelemene	6.94	1438.4	0.03	9.15	1334.9	0.03
7 $\beta$ H-Silphiperfol-5- ene	6.20	1383.6	0.01	9.17	1336.3	0.01
$\alpha$ -Longipinene	6.65	1416.3	0.03	9.30	1345.2	0.04
Dehydro-ar-ionene				9.34	1348.5	0.03
Modhephene	7.35	1468.9	0.02	9.68*	1372.7	[0.06]
$\alpha$ -Copaene	7.02*	1444.2	[0.04]	9.68*	1372.7	[0.06]
$\alpha$ -Isocomene	7.47	1477.8	0.08	9.78*†	1379.3	[0.18]
Capric acid				9.89*†	1387.4	[0.19]

β-Elemene	8.31	1542.4	0.08	9.93	1390.1	0.08
(Z)-Jasmone	12.24	1871.2	0.02	9.94	1391.1	0.03
β-Isocomene	7.93	1512.8	0.01	10.03	1397.7	0.01
Isocaryophyllene	8.07*	1524.2	[0.02]	10.14	1405.1	0.04
β-Caryophyllene	8.27*	1539.8	[0.08]	10.25	1413.8	0.10
β-Copaene	8.27*	1539.8	[0.08]	10.38	1423.2	0.01
α-Maaliene	8.52	1558.8	0.03	10.44	1427.6	0.03
Aromadendrene	8.40	1549.7	0.08	10.52	1433.6	0.07
Striatene?				10.64	1442.4	0.04
α-Humulene	9.14	1607.7	0.02	10.71	1447.8	0.04
allo-Aromadendrene	8.86	1585.4	0.10	10.81	1455.3	0.10
(E)-β-Farnesene	9.49*	1636.2	[16.08]	10.91	1463.1	15.99
Precocene I	13.75	2009.8	0.13	11.00*	1469.6	[0.17]
Dehydrosesquiceneole	9.93*	1672.1	[0.97]	11.00*	1469.6	[0.17]
γ-Murolene	9.49*	1636.2	[16.08]	11.10*	1477.0	[1.11]
Germacrene D	9.65*	1649.1	[1.09]	11.10*	1477.0	[1.11]
β-Selinene	9.72	1655.6	0.14	11.14*	1480.7	[0.33]
ar-Curcumene	10.53	1722.2	0.06	11.14*	1480.7	[0.33]
Bicyclogermacrene	9.93*	1672.1	[0.97]	11.30*	1492.5	[0.94]
α-Selinene	9.81	1662.5	0.04	11.30*	1492.5	[0.94]
Viridiflorene	9.51	1637.7	0.08	11.30*	1492.5	[0.94]
α-Zingiberene	9.96	1674.9	0.08	11.35	1495.9	0.04
α-Murolene	9.93*	1672.1	[0.97]	11.38	1498.2	0.15
(3Z,6E)-α-Farnesene	10.15	1690.3	0.10	11.39	1499.4	0.02
γ-Cadinene	10.25	1698.5	0.16	11.54*	1510.7	[1.55]
(3E,6E)-α-Farnesene	10.39	1710.5	0.87	11.54*	1510.7	[1.55]
3,6-Dihydrochamazulene	11.97*	1847.1	[0.57]	11.54*	1510.7	[1.55]
Dihydrochamazulene isomer I	11.97*	1847.1	[0.57]	11.58	1514.0	0.12
δ-Cadinene	10.28	1700.9	0.19	11.68*	1521.3	[0.24]
trans-Calamenene	11.05	1766.3	0.01	11.68*	1521.3	[0.24]
β-Sesquiphellandrene	10.49	1718.7	0.05	11.71	1524.1	0.10
Unknown CULO XIV [m/z 93, 91 (59), 43 (55), 79 (49), 105 (40)... 220? (t)]	13.35	1972.5	0.04	11.76	1528.3	0.03
α-Cadinene	10.64	1731.2	0.02	11.84	1534.0	0.03
(E)-α-Bisabolene	10.59	1727.3	0.02	11.96	1543.5	0.02
Salviadienol?	14.19	2053.1	0.08	12.04	1549.8	0.02
Sesquirosefuran?	11.97*	1847.1	[0.57]	12.11	1555.5	0.07
Unknown MARE XVI [m/z 43, 93 (84), 120 (51), 81 (41), 79 (34)...]				12.23*	1565.0	[0.21]
(E)-Nerolidol	13.62	1997.5	0.04	12.23*	1565.0	[0.21]

Spathulenol	14.26	2059.2	0.88	12.31	1571.4	0.89
Caryophyllene oxide isomer	12.53	1896.6	0.02	12.34*	1574.1	[0.23]
Dendrolasin	12.41*	1886.1	[0.20]	12.34*	1574.1	[0.23]
Caryophyllene oxide	12.60	1903.6	0.02	12.34*	1574.1	[0.23]
Unknown HEBR VI [m/z 109, 43 (95), 81 (81), 93 (76), 69 (75), 95 (74), 107 (71)... 204 (22), 220 (6)]				12.38	1577.0	0.21
Viridiflorol	13.84	2019.2	0.12	12.50	1586.1	0.10
Salvial-4(14)-en-1-one	12.93	1934.0	0.09	12.54	1589.5	0.05
Ledol	13.27	1965.5	0.11	12.62	1595.8	0.09
Torilenol	15.33	2165.6	0.16	12.75	1606.4	0.10
5,6-Dihydrochamazulene	14.34*	2067.9	[5.21]	12.81	1611.6	0.16
(2,7Z)-Bisaboladien-4-ol	14.67*	2099.5	[4.41]	12.89	1617.7	0.15
Alismol?	15.50	2183.3	0.16	12.95	1623.0	0.16
Bisabolol oxide, epimer IV?				12.99	1626.1	0.23
Unknown UNKN CXCI [m/z 93, 41 (52), 79 (46), 91 (45), 43 (38), 67 (37)...]				13.04	1630.6	0.09
τ-Muurolol	14.90	2122.5	0.05	13.11*	1636.5	[0.60]
τ-Cadinol	14.74	2106.4	0.57	13.11*	1636.5	[0.60]
Unknown LYUN IV [m/z 123, 43 (86), 81 (75), 95 (73), 82 (68), 161 (64), 105 (63)... 220 (6)]	12.88	1929.5	0.06	13.19	1643.1	0.06
α-Eudesmol	15.20	2152.4	0.36	13.24	1646.8	0.14
α-Bisabolol oxide B, epimer 1	14.24	2057.5	0.24	13.31*	1652.9	[5.61]
α-Bisabolol oxide B, epimer 2	14.34*	2067.9	[5.21]	13.31*	1652.9	[5.61]
Ageratochromene	16.69	2306.5	0.08	13.36	1656.6	0.31
epi-β-Bisabolol	14.67*	2099.5	[4.41]	13.44	1663.4	0.07
(E)-Bisabol-11-ol	15.24	2156.4	0.03	13.49*	1667.4	[0.14]
β-Bisabolol	14.60*	2093.0	[0.57]	13.49*	1667.4	[0.14]
Bisabolone oxide A	14.67*	2099.5	[4.41]	13.62	1678.9	4.34
α-Bisabolol	15.30	2162.1	7.74	13.70	1684.8	7.66
(2E,6Z)-Farnesol	16.30	2265.9	0.06	13.90	1701.4	0.04
Herniarin	21.02	2809.2	0.09	13.97	1708.1	0.12

Chamazulene	16.52	2288.2	2.25	14.11	1719.6	2.24
$\alpha$ -Bisabolol oxide A	17.07	2347.5	38.11	14.43	1748.2	37.93
Bisabolol oxide, epimer I				14.48	1752.6	0.05
Benzyl benzoate	18.66	2525.7	0.02	14.53	1756.5	0.04
Bisabolol oxide, epimer II				14.56	1759.6	0.16
Bisabolol oxide, epimer III				14.63	1765.3	0.03
$\alpha$ -Costol?				14.68	1769.3	0.23
Neophytadiene	12.46	1890.8	0.05	15.50	1842.8	0.06
Phytone	14.60*	2093.0	[0.57]	15.57	1849.0	0.33
(Z)-Spiroether	20.97	2802.9	2.90	15.83	1872.5	3.79
(E)-Spiroether	22.11	2951.3	0.42	15.95	1884.1	0.47
(Z)-Tibetin spiroether				16.20	1906.6	0.05
Methyl palmitate	15.42	2174.2	0.03	16.45	1930.2	0.05
(E)-Tibetin spiroether				16.54	1939.2	0.14
Palmitic acid	21.37	2854.7	1.49	16.88	1971.4	1.45
Ethyl palmitate	15.83	2216.6	0.01	17.17	1998.8	0.02
Eicosane	13.56	1991.8	0.02	17.24	2005.7	0.03
Octadecanol	18.94	2557.4	0.15	18.04	2085.0	0.07
Methyl linoleate	17.95	2445.0	0.14	18.12	2093.9	0.03
Heneicosane	14.60*	2093.0	[0.57]	18.24	2105.3	0.03
Phytol	19.10	2576.4	0.15	18.32	2113.7	0.14
Linoleic acid				18.51	2133.7	0.39
Oleic acid				18.57	2139.6	0.40
(9Z)-18- Octadecenolide?				18.82	2165.6	0.08
Docosane	15.65	2198.0	0.04	19.20	2204.8	0.02
Tricosane	16.62	2299.5	0.29	20.12	2304.2	0.29
Tetracosane	17.56	2400.8	0.06	21.01	2403.3	0.08
Pentacosane	18.41	2496.0	0.67	21.87	2503.0	0.59
Hexacosane	19.26	2594.3	0.03	22.69	2601.7	0.05
Heptacosane	20.09	2694.0	0.12	23.48	2700.9	0.12
Unknown MARE V [m/z 69, 41 (41), 81 (41), 91 (22), 165 (22), 136 (20)...]	26.74	3607.4	0.08	24.26	2800.2	0.05
Unknown MARE VI [m/z 69, 41 (46), 81 (31), 165 (29), 91 (20), 181 (18), 167 (15)...]				24.39	2818.4	0.05
Unknown MARE I [m/z 69, 81 (32), 41 (31), 95 (16), 91 (14), 93 (13),	23.70	3168.0	0.11	24.86	2881.0	0.11

107 (12)... 408? (3)]						
Unknown MARE II						
[m/z 69, 81 (36), 41						
(31), 93 (24), 95 (19),	24.15	3231.2	0.04	25.22	2930.1	0.05
91 (14), 67 (13), 121						
(12)... 408? (2)]						
Total reported	92.07%			97.07%		

\*: 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