

Date : 2024-11-12

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 24J29-PTH03

Customer Identification : Organic Ylang Ylang Complete - Madagascar - Y80108R

Type : Essential Oil

Source : *Cananga odorata var. genuina* (Ylang-ylang)

Customer : Plant Therapy

Checked and approved by:

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

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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 : 2024-11-08

PHYSICOCHEMICAL DATA

Refractive index : 1.5038 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2024-10-31

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
Octane	tr	Alkane
Butyl acetate	tr	Aliphatic ester
Isoamyl acetate	0.01	Aliphatic ester
2-Methylbutyl acetate	0.01	Aliphatic ester
3-Methyl-3-butenyl acetate	0.04	Aliphatic ester
Prenyl acetate	0.10	Aliphatic ester
α -Pinene	0.17	Monoterpene
Camphene	0.01	Monoterpene
Benzaldehyde	0.02	Simple phenolic
Sabinene	tr	Monoterpene
β -Pinene	0.06	Monoterpene
6-Methyl-5-hepten-2-one	0.02	Aliphatic ketone
Myrcene	0.07	Monoterpene
(3Z)-Hexenyl acetate	0.04	Aliphatic ester
Hexyl acetate	tr	Aliphatic ester
<i>para</i> -Methylanisole	2.72	Simple phenolic
Limonene	0.03	Monoterpene
1,8-Cineole	0.15	Monoterpenic ether
Benzyl alcohol	0.01	Simple phenolic
(Z)- β -Ocimene	0.03	Monoterpene
(E)- β -Ocimene	0.01	Monoterpene
<i>cis</i> -Sabinene hydrate	0.01	Monoterpenic alcohol
<i>cis</i> -Linalool oxide (fur.)	0.02	Monoterpenic alcohol
Terpinolene	0.02	Monoterpene
Methyl benzoate	1.45	Phenolic ester
Linalool	6.56	Monoterpenic alcohol
Benzeneacetonitrile	0.02	Simple phenolic
<i>ortho</i> -Dimethoxybenzene	0.02	Simple phenolic
Benzyl acetate	1.63	Phenolic ester
Ethyl benzoate	0.09	Phenolic ester
<i>para</i> -Cresyl acetate	0.01	Phenolic ester
Terpinen-4-ol	0.02	Monoterpenic alcohol
α -Terpineol	0.13	Monoterpenic alcohol
Methyl salicylate	0.03	Phenolic ester
Methylchavicol	0.13	Phenylpropanoid
Nerol	0.03	Monoterpenic alcohol
Neral	0.02	Monoterpenic aldehyde
Phenylethyl acetate	0.03	Phenolic ester
Geraniol	1.29	Monoterpenic alcohol
Chavicol	0.01	Phenylpropanoid

Geranial	0.08	Monoterpenic aldehyde
(E)-Anethole	0.04	Phenylpropanoid
1-Nitro-2-phenylethane	0.07	Simple phenolic
(E)-Cinnamyl alcohol	0.02	Phenylpropanoid
Benzyl butyrate	0.11	Phenolic ester
α -Cubebene	0.19	Sesquiterpene
Eugenol	0.51	Phenylpropanoid
Neryl acetate	0.06	Monoterpenic ester
α -Ylangene	0.15	Sesquiterpene
α -Copaene	1.17	Sesquiterpene
β -Bourbonene	0.02	Sesquiterpene
β -Cubebene	0.16	Sesquiterpene
Geranyl acetate	6.65	Monoterpenic ester
β -Elemene	0.46	Sesquiterpene
Cyperene	0.05	Sesquiterpene
Isocaryophyllene	0.01	Sesquiterpene
α -Gurjunene	0.02	Sesquiterpene
Methyleugenol	0.01	Phenylpropanoid
β -Ylangene	0.02	Sesquiterpene
β -Caryophyllene	14.71	Sesquiterpene
Caryophylla-4(12),8(13)-diene	0.10	Sesquiterpene
β -Copaene	0.41	Sesquiterpene
Aromadendrene	0.07	Sesquiterpene
Isogermaacrene D	0.04	Sesquiterpene
(E)-Cinnamyl acetate	0.52	Phenylpropanoid ester
9-epi-Isocaryophyllene	0.09	Sesquiterpene
α -Humulene	3.73	Sesquiterpene
ϵ -Muurolene?	0.35	Sesquiterpene
(E)-Isoeugenol	0.03	Phenylpropanoid
allo-Aromadendrene	0.02	Sesquiterpene
cis-Muurolo-4(15),5-diene	0.13	Sesquiterpene
cis-Cadina-1(6),4-diene	0.05	Sesquiterpene
Unknown	0.10	Unknown
trans-Cadina-1(6),4-diene	0.23	Sesquiterpene
Germacrene D	15.90	Sesquiterpene
α -Amorphene	0.07	Sesquiterpene
γ -Muurolene	2.21	Sesquiterpene
trans-Muurolo-4(15),5-diene	0.05	Sesquiterpene
γ -Amorphene	0.39	Sesquiterpene
epi-Cubebol	0.04	Sesquiterpenic alcohol
Bicyclogermacrene	0.40	Sesquiterpene
Prenyl benzoate	0.22	Phenolic ester
α -Muurolene	1.02	Sesquiterpene
(3Z,6E)- α -Farnesene	0.02	Sesquiterpene
δ -Amorphene	0.43	Sesquiterpene

Unknown	1.74	Sesquiterpene
(3E,6E)- α -Farnesene	6.66	Sesquiterpene
γ -Cadinene	0.92	Sesquiterpene
(Z)- γ -Bisabolene	0.09	Sesquiterpene
Cubebol	0.03	Sesquiterpenic alcohol
δ -Cadinene	3.41	Sesquiterpene
<i>trans</i> -Calamenene	0.24	Sesquiterpene
Zonarene	0.20	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.18	Sesquiterpene
α -Cadinene	0.29	Sesquiterpene
α -Calacorene	0.08	Sesquiterpene
<i>cis</i> -Dracunculifolol	0.02	Sesquiterpenic alcohol
α -Elemol	0.09	Sesquiterpenic alcohol
Germacrene B	0.06	Sesquiterpene
(E)-Nerolidol	0.14	Sesquiterpenic alcohol
(3Z)-Hexenyl benzoate	0.09	Phenolic ester
Spathulenol	0.06	Sesquiterpenic alcohol
Caryophyllene oxide	0.27	Sesquiterpenic ether
Caryophyllene oxide isomer	0.15	Sesquiterpenic ether
Unknown	0.11	Sesquiterpenic alcohol
Unknown	0.11	Oxygenated sesquiterpene
Viridiflorol	0.13	Sesquiterpenic alcohol
Guaiol	0.06	Sesquiterpenic alcohol
Copaborneol	0.06	Sesquiterpenic alcohol
Humulene epoxide II	0.08	Sesquiterpenic ether
1,10-diepi-Cubenol	0.06	Sesquiterpenic alcohol
Junenol	0.31	Sesquiterpenic alcohol
(E)-Isoeugenyl acetate	0.02	Phenylpropanoid ester
1-epi-Cubenol	0.27	Sesquiterpenic alcohol
γ -Eudesmol	0.15	Sesquiterpenic alcohol
Unknown	0.16	Oxygenated sesquiterpene
Cubenol	0.19	Sesquiterpenic alcohol
τ -Muurolol	0.81	Sesquiterpenic alcohol
τ -Cadinol	0.43	Sesquiterpenic alcohol
α -Muurolol	0.43	Sesquiterpenic alcohol
Unknown	0.26	Sesquiterpenic alcohol
α -Cadinol	1.53	Sesquiterpenic alcohol
Bulnesol	0.04	Sesquiterpenic alcohol
Unknown	0.19	Oxygenated sesquiterpene
Eudesma-4(15),7-dien-1 β -ol	0.03	Sesquiterpenic alcohol
(2E,6Z)-Farnesol	0.02	Sesquiterpenic alcohol
(2Z,6E)-Farnesol	0.01	Sesquiterpenic alcohol
(2E,6E)-Farnesol	1.83	Sesquiterpenic alcohol
(2E,6E)-Farnesal	0.06	Sesquiterpenic aldehyde
Unknown	0.01	Oxygenated sesquiterpene

Benzyl benzoate	6.07	Phenolic ester
Unknown	0.03	Unknown
(2E,6E)-Farnesyl acetate	1.54	Sesquiterpenic ester
Unknown	0.03	Oxygenated sesquiterpene
Benzyl salicylate	1.65	Phenolic ester
Unknown	0.03	Unknown
Unknown	0.03	Unknown
Geranyl benzoate	0.15	Phenolic ester
Unknown	0.09	Unknown
Unknown	0.01	Unknown
Unknown	0.03	Unknown
Consolidated total	97.89	

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

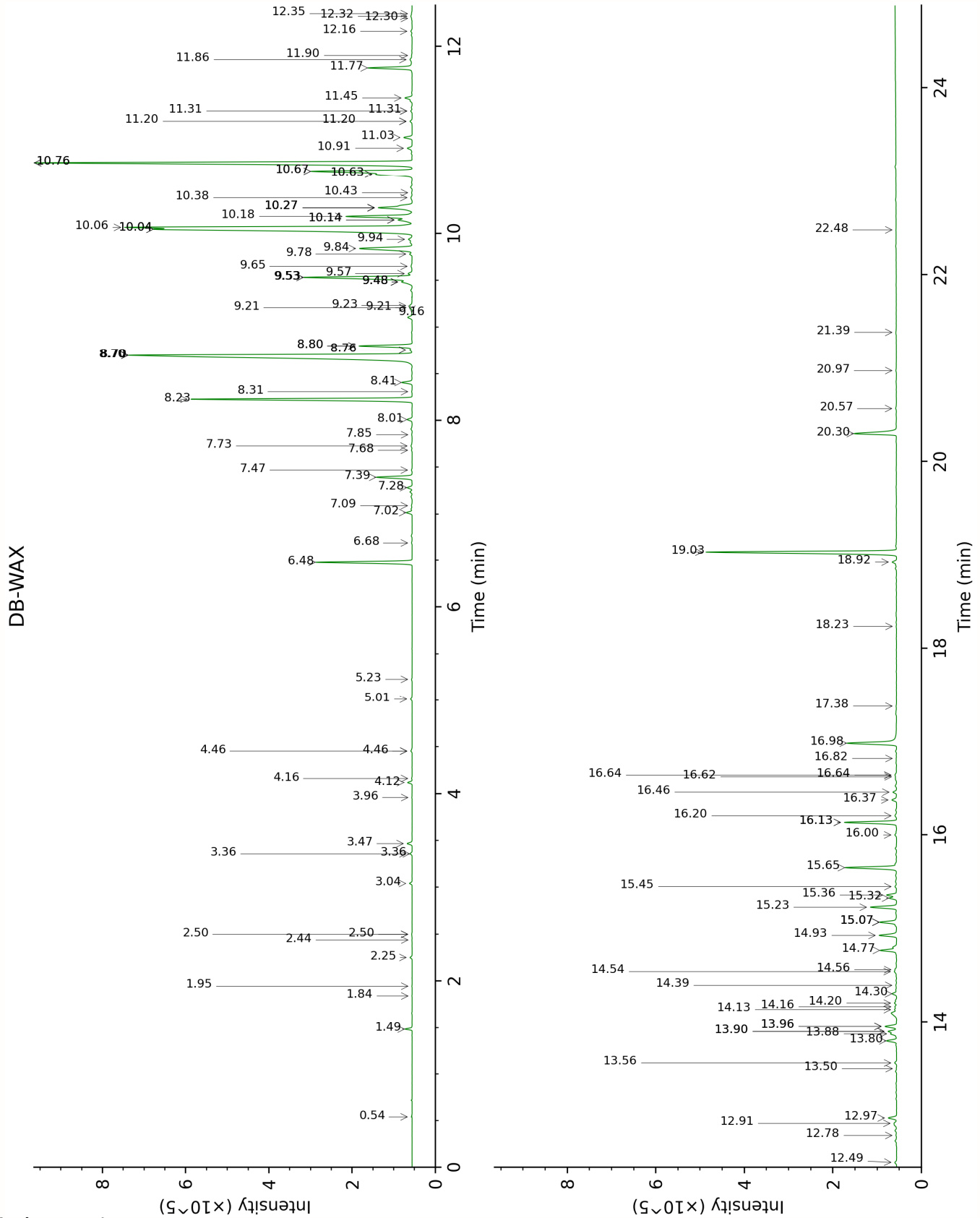
Note: no correction factor was applied

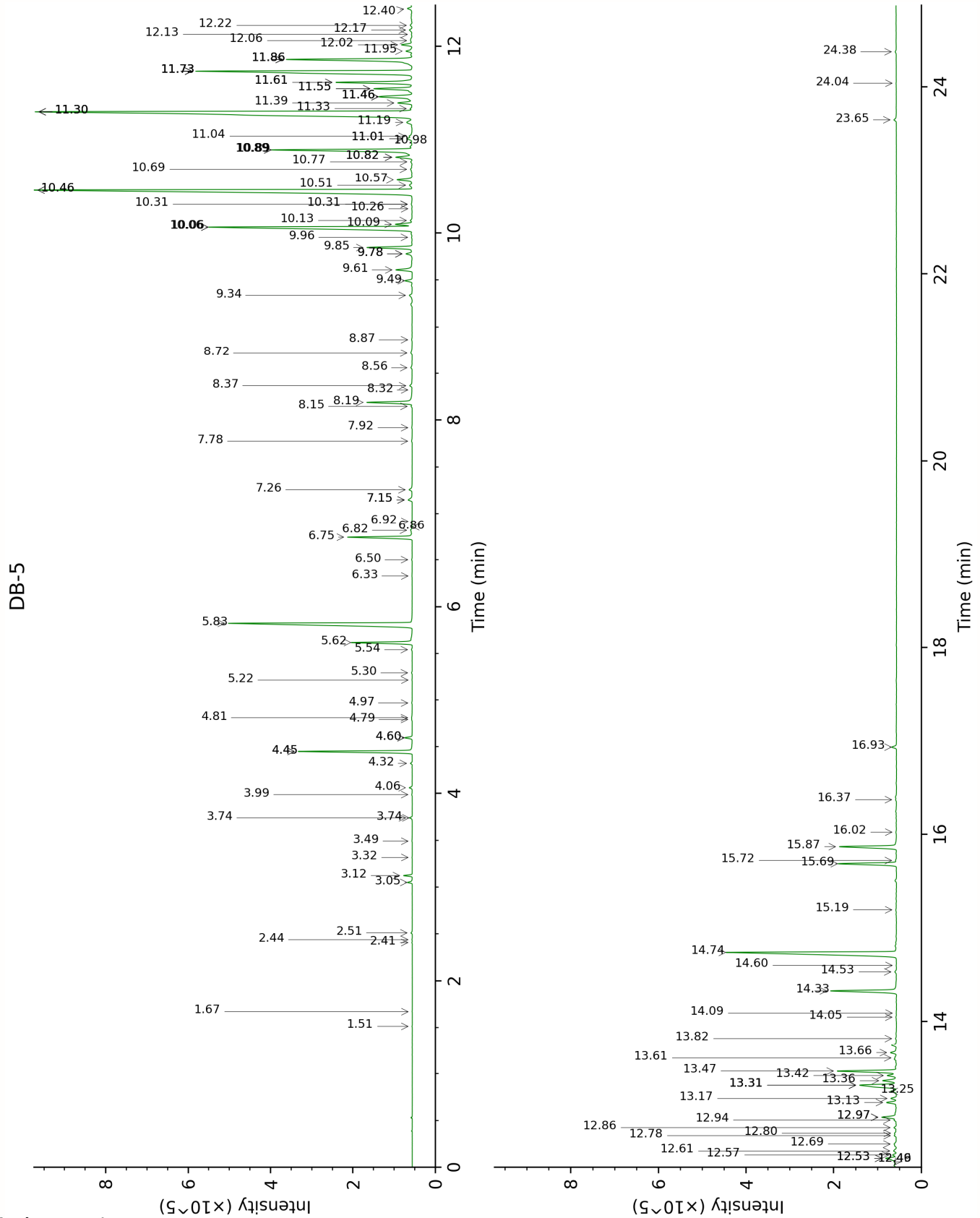
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

Octane	Column DB-WAX			Column DB-5		
	0.54	783.3	0.01	1.52	803.4	tr
Butyl acetate	1.94	1038.5	tr	1.67	816.9	tr
Isoamyl acetate	2.50*	1091.3	[0.02]	2.41	878.1	0.01
2-Methylbutyl acetate	2.50*	1091.3	[0.02]	2.44	880.7	0.01
3-Methyl-3-butenyl acetate	3.36*	1159.3	[0.06]	2.51	886.7	0.04
Prenyl acetate	4.12	1217.8	0.12	3.05	926.0	0.10
α -Pinene	1.49	993.5	0.16	3.12	930.8	0.17
Camphene	1.84	1028.5	tr	3.32	943.6	0.01
Benzaldehyde	7.47	1457.0	0.02	3.49	955.1	0.02
Sabinene	2.44	1085.5	tr	3.74*	971.6	[0.07]
β -Pinene	2.25	1067.6	0.06	3.74*	971.6	[0.07]
6-Methyl-5-hepten-2-one	5.23	1300.6	0.02	3.99	988.0	0.02
Myrcene	3.04	1134.6	0.07	4.06	992.8	0.07
(3Z)-Hexenyl acetate	5.01	1284.4	0.05	4.32	1009.7	0.04
Hexyl acetate	4.46*	1242.8	[0.05]	4.45*	1017.7	[2.72]
<i>para</i> -Methylanisole	6.48	1384.0	2.72	4.45*	1017.7	[2.72]
Limonene	3.36*	1159.3	[0.06]	4.60*	1026.9	[0.18]
1,8-Cineole	3.47	1167.8	0.15	4.60*	1026.9	[0.18]
Benzyl alcohol	11.90	1813.5	0.02	4.79	1039.1	0.01
(Z)- β -Ocimene	3.96	1206.0	0.01	4.81	1040.3	0.03
(E)- β -Ocimene	4.16	1221.0	0.02	4.97	1050.1	0.01
<i>cis</i> -Sabinene hydrate	7.09	1428.8	0.03	5.22	1066.0	0.01
<i>cis</i> -Linalool oxide (fur.)	6.68	1398.8	0.02	5.30	1070.8	0.02
Terpinolene	4.46*	1242.8	[0.05]	5.54	1086.4	0.02
Methyl benzoate	8.80*	1558.3	[1.58]	5.62	1091.1	1.45
Linalool	8.23	1513.8	6.56	5.82	1104.0	6.56
Benzeneacetonitrile	12.35	1853.0	0.02	6.33	1136.2	0.02
<i>ortho</i> -Dimethoxybenzene				6.50	1147.4	0.02
Benzyl acetate	10.18	1668.0	2.16	6.74	1162.8	1.63
Ethyl benzoate	9.53*	1615.6	[3.82]	6.82	1167.5	0.09
<i>para</i> -Cresyl acetate	10.27*	1675.5	[1.51]	6.86	1169.9	0.01
Terpinen-4-ol	8.76*	1554.7	[0.08]	6.92	1173.9	0.02
α -Terpineol	9.94	1648.4	0.13	7.15*	1188.6	[0.16]
Methyl salicylate	10.67*	1707.9	[3.44]	7.15*	1188.6	[0.16]
Methylchavicol	9.48*	1611.7	[0.40]	7.26	1195.6	0.13
Nerol	11.20*	1753.2	[0.07]	7.78	1229.9	0.03

Neral	9.65	1625.1	0.06	7.92	1239.5	0.02
Phenylethyl acetate	11.20*	1753.2	[0.07]	8.15	1254.7	0.03
Geraniol	11.77	1801.8	1.33	8.19	1257.6	1.29
Chavicol	16.64*	2266.7	[0.06]	8.32	1266.5	0.01
Geranial	10.27*	1675.5	[1.51]	8.37	1269.5	0.08
(E)-Anethole	11.31*	1762.5	[0.04]	8.56	1282.4	0.04
1-Nitro-2-phenylethane	14.39	2041.6	0.04	8.72	1293.0	0.07
(E)-Cinnamyl alcohol	16.13*	2214.3	[1.54]	8.87	1302.8	0.02
Benzyl butyrate	11.86	1809.6	0.11	9.34	1336.0	0.11
α -Cubebene	7.02	1423.4	0.18	9.49	1347.0	0.19
Eugenol	14.93	2092.9	0.55	9.61	1355.1	0.51
Neryl acetate	10.38	1684.2	0.06	9.78*	1367.2	[0.19]
α -Ylangene	7.28	1443.1	0.15	9.78*	1367.2	[0.19]
α -Copaene	7.39	1451.3	1.14	9.85	1371.9	1.17
β -Bourbonene	7.68	1472.7	0.02	9.96	1379.6	0.02
β -Cubebene	8.01	1496.9	0.16	10.06*	1387.2	[6.81]
Geranyl acetate	10.76*	1715.6	[13.31]	10.06*	1387.2	[6.81]
β -Elemene	8.70*	1550.2	[15.22]	10.09	1389.3	0.46
Cyperene	7.73	1476.1	0.05	10.13	1392.2	0.05
Isocaryophyllene	8.41	1527.6	0.32	10.26	1401.0	0.01
α -Gurjunene	7.85	1485.0	0.02	10.31*	1404.4	[0.04]
Methyleugenol	13.50	1956.8	0.01	10.31*	1404.4	[0.04]
β -Ylangene	8.31	1520.0	0.02	10.46*	1415.6	[14.73]
β -Caryophyllene	8.70*	1550.2	[15.22]	10.46*	1415.6	[14.73]
Caryophylla-4(12),8(13)-diene	8.80*	1558.3	[1.58]	10.51	1419.5	0.10
β -Copaene	8.70*	1550.2	[15.22]	10.57	1423.8	0.41
Aromadendrene	8.76*	1554.7	[0.08]	10.69	1432.6	0.07
Isogermacrene D	9.16	1585.6	0.01	10.77	1438.6	0.04
(E)-Cinnamyl acetate	14.77	2077.5	0.52	10.82*	1442.2	[0.48]
9-epi-Isocaryophyllene	9.23	1591.6	0.09	10.82*	1442.2	[0.48]
α -Humulene	9.53*	1615.6	[3.82]	10.89*	1448.1	[4.11]
ϵ -Muurolene?	9.48*	1611.7	[0.40]	10.89*	1448.1	[4.11]
(E)-Isoeugenol	16.62	2264.9	0.03	10.89*	1448.1	[4.11]
allo-Aromadendrene	9.21*	1589.9	[0.07]	10.98	1454.3	0.02
cis-Muurola-4(15),5-diene	9.57	1618.8	0.13	11.01*	1457.0	[0.17]
cis-Cadina-1(6),4-diene	9.21*	1589.9	[0.07]	11.01*	1457.0	[0.17]
Unknown CAOD VI				11.04	1458.9	0.10

[m/z 153, 93 (85), 168 (74), 125 (45), 65 (32)...]						
<i>trans</i> -Cadina-1(6),4- diene	9.48*	1611.7	[0.40]	11.19	1469.9	0.23
Germacrene D	10.04*†	1657.0	[9.74]	11.30*	1478.4	[18.18]
α -Amorphene	9.78	1635.7	0.07	11.30*	1478.4	[18.18]
γ -Muurolene	9.84	1640.5	2.21	11.30*	1478.4	[18.18]
<i>trans</i> -Muurola- 4(15),5-diene	10.06*†	1658.6	[8.19]	11.33	1480.9	0.05
γ -Amorphene	10.04*†	1657.0	[9.74]	11.39	1485.4	0.39
epi-Cubebol	12.16	1836.4	0.04	11.46*	1490.3	[1.19]
Bicyclogermacrene	10.27*	1675.5	[1.51]	11.46*	1490.3	[1.19]
Prenyl benzoate	13.90*	1994.2	[0.28]	11.46*	1490.3	[1.19]
α -Muurolene	10.27*	1675.5	[1.51]	11.55*	1496.7	[1.04]
(3 <i>Z</i> ,6 <i>E</i>)- α -Farnesene	10.43	1688.5	0.02	11.55*	1496.7	[1.04]
δ -Amorphene	10.14*	1665.0	[0.52]	11.61*	1501.8	[2.17]
Unknown CAOD II [m/z 119, 41 (95), 123 (53), 80 (49), 161 (44), 105 (42)... 204 (2)]				11.61*	1501.8	[2.17]
(3 <i>E</i> ,6 <i>E</i>)- α -Farnesene	10.76*	1715.6	[13.31]	11.73*	1511.0	[7.69]
γ -Cadinene	10.64*	1705.2	[1.11]	11.73*	1511.0	[7.69]
(<i>Z</i>)- γ -Bisabolene	10.14*	1665.0	[0.52]	11.73*	1511.0	[7.69]
Cubebol	12.78	1891.1	0.03	11.73*	1511.0	[7.69]
δ -Cadinene	10.67*	1707.9	[3.44]	11.86*	1520.8	[3.85]
<i>trans</i> -Calamenene	11.45	1774.3	0.24	11.86*	1520.8	[3.85]
Zonarene	10.64*	1705.2	[1.11]	11.86*	1520.8	[3.85]
<i>trans</i> -Cadina-1,4- diene	10.91	1728.8	0.17	11.95	1527.8	0.18
α -Cadinene	11.03	1738.6	0.26	12.02	1533.1	0.29
α -Calacorene	12.32	1850.6	0.06	12.06	1536.6	0.08
<i>cis</i> -Dracunculifoliol	12.30	1848.5	0.02	12.13	1541.8	0.02
α -Elemol	14.20	2023.3	0.07	12.17	1545.5	0.09
Germacrene B	11.31*	1762.5	[0.04]	12.22	1549.4	0.06
(<i>E</i>)-Nerolidol	13.96*	1999.4	[0.38]	12.40	1563.5	0.14
(3 <i>Z</i>)-Hexenyl benzoate	14.54	2055.7	0.09	12.46	1567.8	0.09
Spathulenol	14.56	2057.7	0.04	12.49	1570.5	0.06
Caryophyllene oxide	12.97	1908.1	0.27	12.53*	1573.7	[0.38]
Caryophyllene oxide isomer	12.91	1902.8	0.15	12.53*	1573.7	[0.38]
Unknown cadinol	12.49	1865.4	0.06	12.57	1576.6	0.11

or muurolol analog [m/z 161, 119 (77), 120 (76), 105 (73), 93 (57)... 204 (36)]						
Unknown MECA III [m/z 161, 105 (84), 43 (80), 119 (72), 93 (62), 121 (54)... 204 (38), 222 (2)]	14.13	2016.5	0.06	12.61	1580.0	0.11
Viridiflorol	14.16	2019.5	0.06	12.68	1585.7	0.13
Guaiol	14.30	2032.9	0.14	12.78	1592.8	0.06
Copaborneol	15.07*	2107.0	[0.59]	12.80	1594.8	0.06
Humulene epoxide II	13.56	1962.4	0.06	12.86	1599.5	0.08
1,10-diepi-Cubenol	13.90*	1994.2	[0.28]	12.94	1606.0	0.06
Junenol	13.80	1984.9	0.31	12.97*	1608.4	[0.43]
(E)-Isoeugenyl acetate	17.38	2345.4	0.02	12.97*	1608.4	[0.43]
1-epi-Cubenol	13.96*	1999.4	[0.38]	13.13	1621.5	0.27
γ-Eudesmol	15.07*	2107.0	[0.59]	13.17	1625.0	0.15
Unknown THDO VII [m/z 161, 119 (63), 105 (52), 179 (52), 107 (51), 82 (51), 95 (50), 81 (41)... 204 (35), 220 (6)]	16.46	2247.9	0.11	13.25	1631.3	0.16
Cubenol	13.88	1991.9	0.19	13.31*	1636.8	[1.43]
τ-Muurolol	15.23	2122.9	0.81	13.31*	1636.8	[1.43]
τ-Cadinol	15.07*	2107.0	[0.59]	13.31*	1636.8	[1.43]
α-Muurolol	15.36	2135.9	0.30	13.36	1640.7	0.43
Unknown cadinol analog II [m/z 95, 121 (73), 43 (57), 79 (43), 161 (43), 109 (40)... 204 (35), 222 (2)]	15.32	2132.7	0.21	13.42	1645.3	0.26
α-Cadinol	15.65	2165.2	1.57	13.47	1649.3	1.53
Bulnesol	15.45	2144.9	0.05	13.61	1660.9	0.04
Unknown CAOD I [m/z 123, 95 (31), 81 (29), 105 (27)... 222 (5)]	16.37	2239.2	0.16	13.66	1665.6	0.19
Eudesma-4(15),7- dien-1β-ol	16.20	2221.7	0.07	13.82	1678.5	0.03
(2E,6Z)-Farnesol	16.64*	2266.7	[0.06]	14.05	1697.4	0.02

(2Z,6E)-Farnesol	16.82	2285.3	0.01	14.09	1701.0	0.01
(2E,6E)-Farnesol	16.98	2302.6	1.82	14.33	1721.5	1.83
(2E,6E)-Farnesol	16.00	2200.3	0.06	14.53	1739.0	0.06
Unknown RHAN V [m/z 91, 177 (75), 79 (68), 105 (65), 93 (62), 159 (60)...220 (16)]	18.23	2439.7	0.01	14.60	1745.0	0.01
Benzyl benzoate	19.03	2529.7	6.04	14.74	1757.1	6.07
Unknown CAOD VII [m/z 121, 107 (86), 81 (71), 93 (71), 59 (68), 43 (67)...]				15.19	1796.5	0.03
(2E,6E)-Farnesyl acetate	16.13*	2214.3	[1.54]	15.69	1840.9	1.54
Unknown LYUN VII [m/z 43, 107 (97), 81 (83), 121 (77), 123 (74), 93 (73)... 220 (26)...]	20.57	2712.8	0.02	15.72	1844.0	0.03
Benzyl salicylate	20.30	2680.0	1.51	15.87	1857.4	1.65
Unknown THAR VI [m/z 91, 93 (98), 81 (92), 41 (92), 105 (86), 107 (86)...]	20.97	2763.1	0.02	16.02	1871.5	0.03
Unknown THAR VIII [m/z 123, 81 (47), 43 (35), 91 (30), 41 (27), 79 (24)...]	21.39	2815.2	0.03	16.37	1903.0	0.03
Geranyl benzoate	18.92	2517.4	0.16	16.93	1956.3	0.15
Unknown CAOD XIII [m/z 326, 327 (22), 311 (17), 137 (8), 202 (7)...]				23.65	2696.9	0.09
Unknown CAOD XII [m/z 69, 81 (44), 147 (31), 41 (26), 119 (26), 93 (24)...]	22.48	2956.2	0.01	24.04	2747.4	0.01
Unknown CAOD XI [m/z 69, 81 (42), 147 (26), 119 (25), 93 (25), 41 (24)...]				24.38	2790.9	0.03
Total reported		97.11%			98.33%	

*: 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