

Date : 2025-11-28

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 25K14-PTH03

Customer Identification : Geranium Egyptian - Egypt - G30116R

Type : Essential Oil

Source : *Pelargonium graveolens* ct. *Egyptian*

Customer : Plant Therapy

Checked and approved by:

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

Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia.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.

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 : 2025-11-27

PHYSICOCHEMICAL DATA

Refractive index : 1.4683 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2025-11-17

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
Isovaleral	tr	Aliphatic aldehyde
2-Methylbutyral	tr	Aliphatic aldehyde
Isoamyl alcohol	0.01	Aliphatic alcohol
Toluene	tr	Simple phenolic
Hexanal	tr	Aliphatic aldehyde
Dimethyl sulfoxide	0.01	Aliphatic sulfoxide
3-Methylpentanol	0.03	Aliphatic alcohol
(3Z)-Hexenol	0.02	Aliphatic alcohol
Hexanol	tr	Aliphatic alcohol
3-Acetyl-3-methylcyclopentene	0.01	Aliphatic ketone
3-Methylpentyl formate?	0.01	Aliphatic ester
α -Pinene	0.38	Monoterpene
Geranic oxide	0.04	Monoterpenic ether
β -Pinene	0.01	Monoterpene
Sabinene	tr	Monoterpene
Octen-3-ol	0.02	Aliphatic alcohol
6-Methyl-5-hepten-2-one	0.06	Aliphatic ketone
<i>trans</i> -Dehydroxylinalool oxide	0.02	Monoterpenic ether
Myrcene	0.11	Monoterpene
6-Methyl-5-hepten-2-ol	0.01	Aliphatic alcohol
α -Phellandrene	0.05	Monoterpene
<i>cis</i> -Dehydroxylinalool oxide	0.03	Monoterpenic ether
Δ^3 -Carene	0.02	Monoterpene
<i>para</i> -Cymene	0.07	Monoterpene
1,8-Cineole	0.01	Monoterpenic ether
Unknown	0.02	Unknown
Unknown	0.01	Unknown
Limonene	0.14	Monoterpene
β -Phellandrene	0.04	Monoterpene
Benzeneacetaldehyde	0.02	Simple phenolic
(Z)- β -Ocimene	0.07	Monoterpene
Unknown	0.02	Unknown
(E)- β -Ocimene	0.08	Monoterpene
2,6-Dimethyl-5-heptenal (melonal)	0.01	Aliphatic aldehyde
γ -Terpinene	0.01	Monoterpene
<i>cis</i> -Sabinene hydrate	0.01	Monoterpenic alcohol
Unknown	0.02	Oxygenated monoterpene
<i>cis</i> -Linalool oxide (fur.)	0.16	Monoterpenic alcohol
Octanol	0.02	Aliphatic alcohol
Fenchone	0.01	Monoterpenic ketone

<i>para</i> -Cymenene	0.02	Monoterpene
<i>trans</i> -Linalool oxide (fur.)	0.07	Monoterpenic alcohol
Terpinolene	0.03	Monoterpene
<i>trans</i> -Sabinene hydrate	0.02	Monoterpenic alcohol
Linalool	3.28	Monoterpenic alcohol
<i>cis</i> -Rose oxide	0.72	Monoterpenic ether
Phenylethyl alcohol	0.11	Simple phenolic
<i>trans</i> -Rose oxide	0.34	Monoterpenic ether
Unknown	0.03	Unknown
Unknown	0.07	Oxygenated normonoterpene
Menthone	1.45	Monoterpenic ketone
Unknown	0.04	Unknown
iso-Isopulegol	0.03	Monoterpenic alcohol
Citronellal	0.08	Monoterpenic aldehyde
Isomenthone	3.86	Monoterpenic ketone
neo-Menthol	0.07	Monoterpenic alcohol
Terpinen-4-ol	0.02	Monoterpenic alcohol
Menthol	0.03	Monoterpenic alcohol
Isomenthol	0.13	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.03	Monoterpenic alcohol
α -Terpineol	0.30	Monoterpenic alcohol
Unknown	0.03	Unknown
Unknown	0.03	Oxygenated monoterpene
β -Cyclocitral	0.02	Monoterpenic aldehyde
Nerol	0.20	Monoterpenic alcohol
Citronellol	33.34	Monoterpenic alcohol
Neral	0.51	Monoterpenic aldehyde
Piperitone	0.03	Monoterpenic ketone
Geraniol	14.74	Monoterpenic alcohol
Geranial	0.73	Monoterpenic aldehyde
Citronellyl formate	6.78	Monoterpenic ester
Neryl formate	0.09	Monoterpenic ester
Geranyl formate	2.73	Monoterpenic ester
(3Z)-Hexenyl tiglate	0.02	Aliphatic ester
Methyl geranate	0.04	Monoterpenic ester
Citronellic acid	0.01	Monoterpenic acid
α -Cubebene	0.25	Sesquiterpene
Phenylethyl propionate	0.04	Phenolic ester
Citronellyl acetate	0.22	Monoterpenic ester
Neryl acetate	0.08	Monoterpenic ester
Geranic acid	0.01	Aliphatic acid
α -Ylangene	0.05	Sesquiterpene
α -Copaene	0.54	Sesquiterpene
1,5-diepi- β -Bourbonene	0.09	Sesquiterpene
β -Bourbonene	1.18	Sesquiterpene

Geranyl acetate	0.40	Monoterpenic ester
β -Elemene	0.09	Sesquiterpene
Phenylethyl isobutyrate	0.05	Phenolic ester
Isocaryophyllene	0.04	Sesquiterpene
α -Gurjunene	0.09	Sesquiterpene
β -Caryophyllene	1.41	Sesquiterpene
Thymohydroquinone dimethyl ether	0.01	Monoterpenic ether
β -Copaene	0.18	Sesquiterpene
Heptyl tiglate	0.03	Aliphatic ester
Aromadendrene	0.08	Sesquiterpene
Isogermacrene D	0.03	Sesquiterpene
6,9-Guaiadiene	0.45	Sesquiterpene
Unknown	0.41	Sesquiterpene
Citronellyl propionate	0.48	Monoterpenic ester
α -Humulene	0.30	Sesquiterpene
allo-Aromadendrene	0.21	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.25	Sesquiterpene
γ -Murolene	0.14	Sesquiterpene
Geranyl propionate	0.08	Monoterpenic ester
Germacrene D	1.91	Sesquiterpene
α -Amorphene	0.11	Sesquiterpene
β -Selinene	0.15	Sesquiterpene
γ -Amorphene	0.10	Sesquiterpene
Phenylethyl isovalerate	0.04	Phenolic ester
Bicyclogermacrene	0.56	Sesquiterpene
α -Selinene	0.04	Sesquiterpene
Viridiflorene	0.20	Sesquiterpene
4-epi- <i>cis</i> -Dihydroagarofuran	0.06	Sesquiterpenic ether
α -Murolene	0.26	Sesquiterpene
γ -Cadinene	0.43	Sesquiterpene
7-epi- α -Selinene	0.09	Sesquiterpene
Geranyl isobutyrate	0.26	Monoterpenic ester
δ -Cadinene	0.64	Sesquiterpene
<i>trans</i> -Calamenene	0.49	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.12	Sesquiterpene
Citronellyl butyrate	0.50	Monoterpenic ester
α -Cadinene	0.09	Sesquiterpene
Phenylethyl angelate?	0.06	Phenolic ester
α -Agarofuran	0.34	Sesquiterpenic ether
1-nor-Bourbonanone	0.05	Norsesquiterpenic ketone
Geranyl butyrate	0.91	Monoterpenic ester
Spathulenol	0.21	Sesquiterpenic alcohol
Caryophyllene oxide isomer	0.02	Sesquiterpenic ether
Caryophyllene oxide	0.14	Sesquiterpenic ether
Globulol	0.08	Sesquiterpenic alcohol

Phenylethyl tiglate	0.83	Phenolic ester
Viridiflorol	0.06	Sesquiterpenic alcohol
Geranyl 2-methylbutyrate?	0.11	Monoterpenic ester
Geranyl isovalerate	0.11	Monoterpenic ester
10-epi- γ -Eudesmol	4.74	Sesquiterpenic alcohol
1-epi-Cubenol	0.16	Sesquiterpenic alcohol
γ -Eudesmol	0.21	Sesquiterpenic alcohol
Citronellyl valerate?	0.19	Monoterpenic ester
Unknown	0.07	Oxygenated sesquiterpene
τ -Murolol	0.31	Sesquiterpenic alcohol
Cubenol	0.20	Sesquiterpenic alcohol
τ -Cadinol	0.08	Sesquiterpenic alcohol
β -Eudesmol	0.29	Sesquiterpenic alcohol
α -Eudesmol	0.29	Sesquiterpenic alcohol
α -Cadinol	0.14	Sesquiterpenic alcohol
Valerianol	0.04	Sesquiterpenic alcohol
Geranyl valerate	0.20	Monoterpenic ester
Citronellyl tiglate	0.34	Monoterpenic ester
Citronellyl 4-methylvalerate	0.11	Monoterpenic ester
3 β ,4 β -Oxidoagarofuran?	0.04	Sesquiterpenic ether
Geranyl tiglate	1.15	Monoterpenic ester
Geranyl 4-methylvalerate?	0.18	Monoterpenic ester
Citronellyl caproate	0.04	Monoterpenic ester
Geranyl caproate	0.10	Monoterpenic ester
Citronellyl heptanoate	0.07	Monoterpenic ester
Phytone	0.03	Terpenic ketone
Geranyl heptanoate	0.11	Monoterpenic ester
Citronellyl caprylate	0.04	Monoterpenic ester
Geranyl caprylate	0.05	Monoterpenic ester
Unknown	0.02	Unknown
Consolidated total	96.94	

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

Note: no correction factor was applied

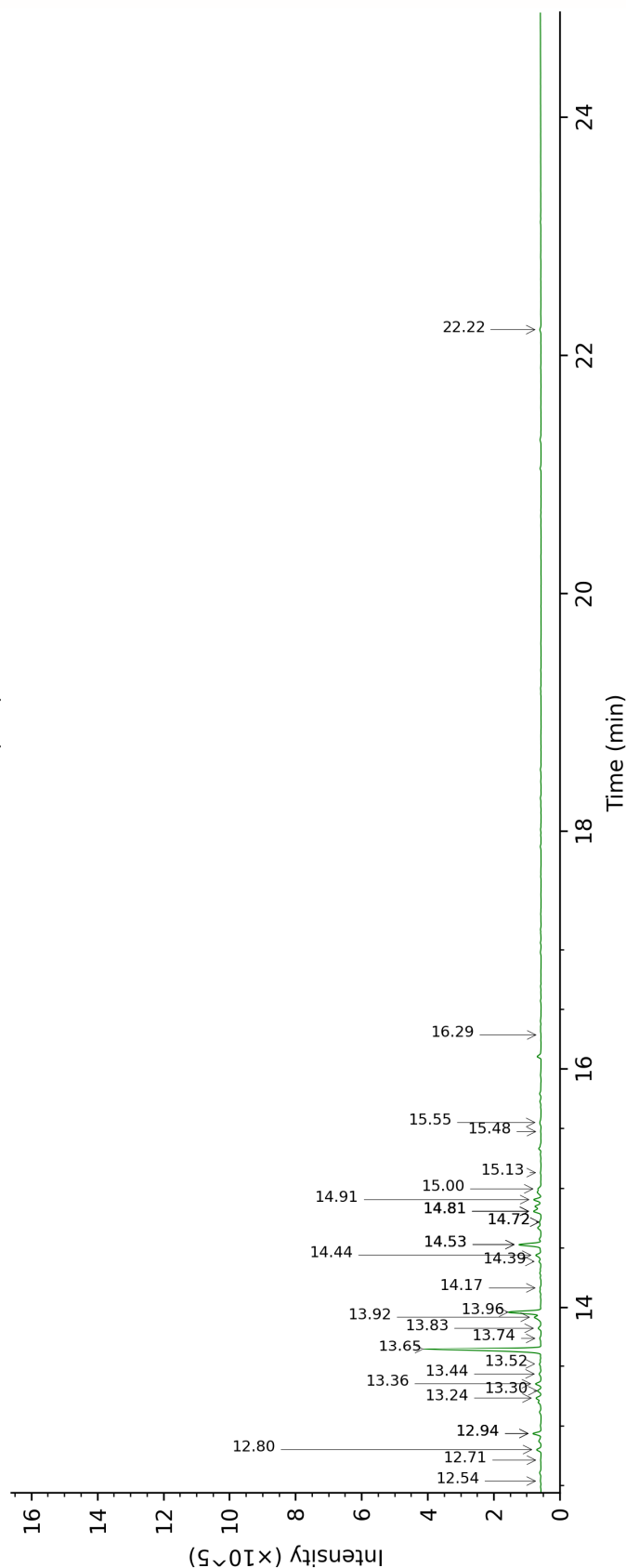
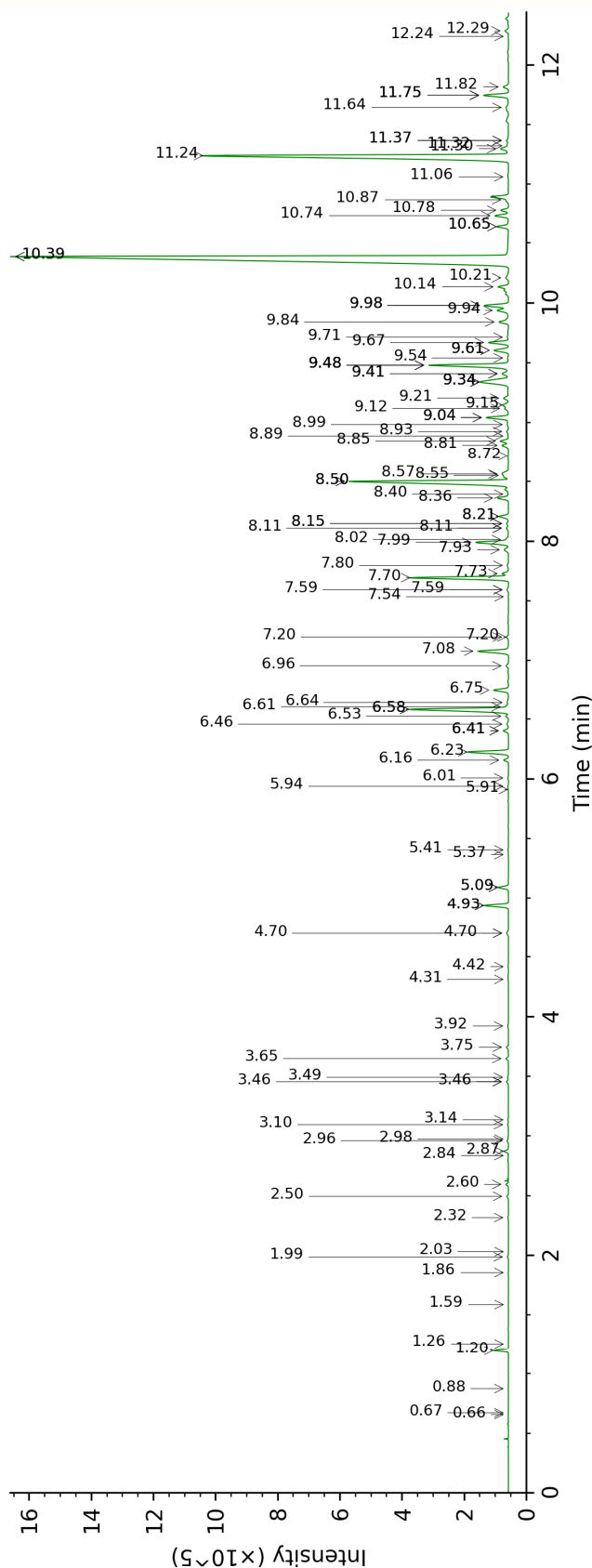
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

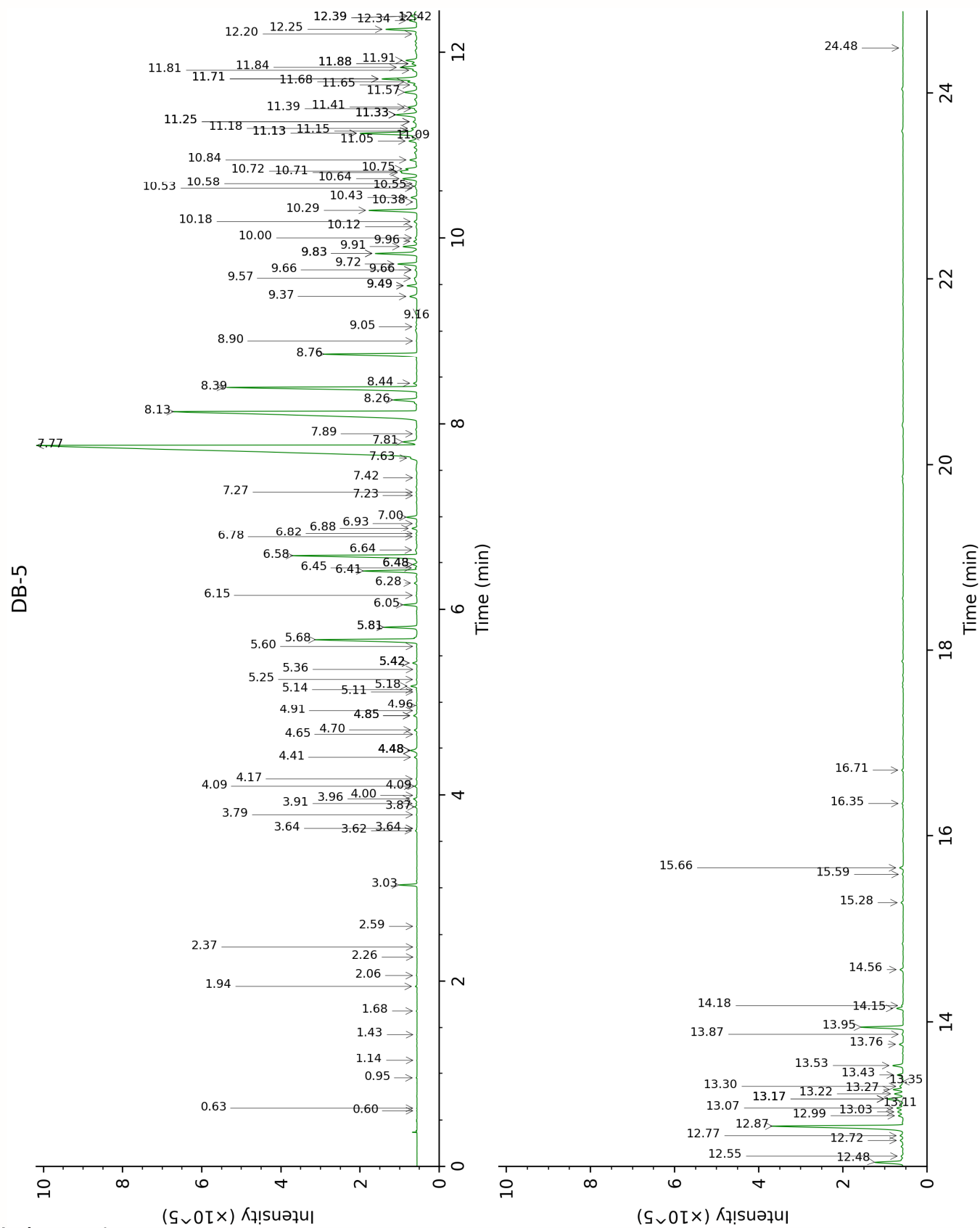
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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.

DB-WAX





FULL ANALYSIS DATA

Isovaleral	Column DB-WAX			Column DB-5		
	0.67	888.1	tr	0.60	643.5	tr
2-Methylbutyral	0.66	882.3	tr	0.63	653.5	tr
Isoamyl alcohol	3.14	1178.8	0.02	0.95	732.5	0.01
Toluene	1.26	1002.4	tr	1.14	759.6	tr
Hexanal	1.59	1039.2	tr	1.43	800.4	tr
Dimethyl sulfoxide	7.54	1507.2	0.01	1.68	824.0	0.01
3-Methylpentanol	4.70*	1297.9	[0.08]	1.94	846.2	0.03
(3Z)-Hexenol	5.41	1347.0	0.02	2.06	856.0	0.02
Hexanol	5.09*	1323.7	[0.34]	2.26	872.7	tr
3-Acetyl-3-methylcyclopentene	0.88	936.4	0.01	2.37	881.9	0.01
3-Methylpentyl formate?	2.84	1154.7	0.01	2.59	900.6	0.01
α-Pinene	1.20	992.2	0.37	3.03	931.3	0.38
Geranic oxide	1.99	1080.3	0.03	3.62	970.2	0.04
β-Pinene	1.86	1066.7	0.01	3.64*	971.9	[0.01]
Sabinene	2.03	1084.8	tr	3.64*	971.9	[0.01]
Octen-3-ol	6.40*	1421.1	[0.20]	3.79	981.7	0.02
6-Methyl-5-hepten-2-one	4.70*	1297.9	[0.08]	3.87	987.4	0.06
trans-Dehydroxylinalool oxide	3.10	1175.5	0.03	3.91	989.7	0.02
Myrcene	2.60	1135.3	0.08	3.96	993.1	0.11
6-Methyl-5-hepten-2-ol	6.58*	1434.8	[3.93]	4.00	995.7	0.01
α-Phellandrene	2.50	1127.3	0.05	4.09*	1002.3	[0.06]
cis-Dehydroxylinalool oxide	3.49	1207.6	0.03	4.09*	1002.3	[0.06]
Δ3-Carene	2.32	1113.0	0.02	4.17	1007.4	0.02
para-Cymene	3.75	1226.5	0.07	4.40	1022.1	0.07
1,8-Cineole	2.98	1165.8	0.01	4.48*	1026.8	[0.22]
Unknown COCI XLIV [m/z 59, 43 (12), 109 (11), 41 (10), 127 (8)...]	6.01	1391.5	0.02	4.48*	1026.8	[0.22]
Unknown COCI XLIII [m/z 59, 43 (11), 109 (10), 41 (10), 127 (8)...]	5.91	1384.4	0.01	4.48*	1026.8	[0.22]
Limonene	2.87	1157.5	0.14	4.48*	1026.8	[0.22]
β-Phellandrene	2.96	1164.6	0.04	4.48*	1026.8	[0.22]
Benzeneacetaldehyde	8.40	1575.3	0.02	4.65	1037.7	0.02
(Z)-β-Ocimene	3.46*	1204.6	[0.07]	4.70	1040.7	0.07
Unknown COCI V	4.31	1268.9	0.02	4.85*	1050.4	[0.10]

[m/z 125, 69 (75), 41 (34), 55 (25), 93 (22)... 140 (3)]						
(E)-β-Ocimene	3.65	1219.3	0.08	4.85*	1050.4	[0.10]
2,6-Dimethyl-5-heptenal (melonal)	4.93*	1312.0	[0.82]	4.91	1053.9	0.01
γ-Terpinene	3.46*	1204.6	[0.07]	4.96	1057.6	0.01
cis-Sabinene hydrate	6.53	1430.4	0.09	5.11	1067.1	0.01
Unknown PIMA I [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)]	4.42	1276.9	0.02	5.14	1068.6	0.02
cis-Linalool oxide (fur.)	6.16	1402.6	0.16	5.18	1071.1	0.16
Octanol	7.80	1527.9	0.06	5.25	1075.6	0.02
Fenchone	5.37	1344.1	0.01	5.36	1082.5	0.01
para-Cymenene	5.94	1386.4	0.02	5.42*	1086.8	[0.11]
trans-Linalool oxide (fur.)	6.46	1425.3	0.07	5.42*	1086.8	[0.11]
Terpinolene	3.92	1239.7	0.03	5.42*	1086.8	[0.11]
trans-Sabinene hydrate	7.59*	1511.6	[0.06]	5.60	1098.2	0.02
Linalool	7.70	1519.7	3.30	5.68	1102.8	3.28
cis-Rose oxide	4.93*	1312.0	[0.82]	5.81*	1111.4	[0.83]
Phenylethyl alcohol	11.64	1850.3	0.11	5.81*	1111.4	[0.83]
trans-Rose oxide	5.09*	1323.7	[0.34]	6.05	1127.0	0.34
Unknown CYFL IV [m/z 95, 67 (86), 41 (68), 82 (64), 123 (62)...]	7.20*	1481.5	[0.07]	6.15	1133.6	0.03
Unknown COCI VIII [m/z 41, 69 (87), 82 (66), 67 (55), 109 (46)... 142 (18)]	8.93	1617.7	0.07	6.28	1142.1	0.07
Menthone	6.23	1407.6	1.46	6.41	1150.6	1.45
Unknown PEGRI I [m/z 43, 141 (51), 55 (36), 69 (31), 41 (29)... 156 (4)]	8.11*	1552.6	[0.09]	6.45	1152.7	0.04
iso-Isopulegol	7.59*	1511.6	[0.06]	6.48*	1155.1	[0.11]
Citronellal	6.61	1436.4	0.08	6.48*	1155.1	[0.11]
Isomenthone	6.58*	1434.8	[3.93]	6.58	1161.3	3.86
neo-Menthol	8.15*	1555.7	[0.07]	6.64	1165.2	0.07
Terpinen-4-ol	8.15*	1555.7	[0.07]	6.78	1174.5	0.02
Menthol	8.72	1601.0	0.01	6.82	1176.7	0.03

Isomenthol	8.50*	1583.8	[6.83]	6.88	1180.8	0.13
<i>para</i> -Cymen-8-ol	11.06	1798.3	0.02	6.93	1184.2	0.03
α -Terpineol	9.34*	1651.9	[1.69]	7.00	1188.7	0.30
Unknown MEPI V [m/z 43, 99 (84), 81 (46), 986 (43), 126 (36), 71 (28)... 170 (12)]				7.23	1203.8	0.03
Unknown DRMO II [m/z 123, 81 (40), 67 (29), 79 (29), 93 (26), 121 (25), 41 (24), 55 (18), 69 (15)...]				7.27	1206.1	0.03
β -Cyclocitral	8.21*	1560.4	[0.36]	7.42	1216.6	0.02
Nerol	10.65*	1762.2	[0.42]	7.63	1231.0	0.20
Citronellol	10.39*	1739.8	[33.08]	7.77	1240.3	33.34
Neral	9.04*	1627.3	[0.82]	7.81	1242.9	0.51
Piperitone	9.48*	1663.5	[3.01]	7.89	1248.8	0.03
Geraniol	11.24	1813.7	14.47	8.13	1265.1	14.74
Geranial	9.67	1679.3	0.70	8.26	1273.7	0.73
Citronellyl formate	8.50*	1583.8	[6.83]	8.39	1282.9	6.78
Neryl formate	8.99	1622.5	0.06	8.44	1285.9	0.09
Geranyl formate	9.48*	1663.5	[3.01]	8.76	1307.8	2.73
(3Z)-Hexenyl tiglate	8.89	1614.6	0.02	8.90	1314.5	0.02
Methyl geranate	9.34*	1651.9	[1.69]	9.05	1325.3	0.04
Citronellic acid	15.48	2220.5	0.02	9.16	1333.4	0.01
α -Cubebene	6.40*	1421.1	[0.20]	9.37	1348.4	0.25
Phenylethyl propionate	11.32	1821.2	0.04	9.49*	1356.6	[0.26]
Citronellyl acetate	9.04*	1627.3	[0.82]	9.49*	1356.6	[0.26]
Neryl acetate	9.72	1683.0	0.05	9.57	1362.2	0.08
Geranic acid	16.29	2305.8	0.01	9.66*	1368.7	[0.05]
α -Ylangene	6.64	1439.2	0.05	9.66*	1368.7	[0.05]
α -Copaene	6.75	1447.0	0.56	9.72	1373.2	0.54
1,5-diepi- β - Bourbonene	6.96	1463.1	0.09	9.83*	1381.2	[1.17]
β -Bourbonene	7.08	1472.5	1.18	9.83*	1381.2	[1.17]
Geranyl acetate	10.14	1718.0	0.38	9.91	1386.4	0.40
β -Elemene	8.02	1545.0	0.08	9.96	1390.4	0.09
Phenylethyl isobutyrate	11.37*	1825.2	[0.09]	10.00	1393.0	0.05
Isocaryophyllene	7.73	1522.4	0.22	10.12	1401.5	0.04
α -Gurjunene	7.20*	1481.5	[0.07]	10.18	1405.5	0.09
β -Caryophyllene	7.99	1543.2	1.28	10.30	1414.5	1.41
Thymohydroquinone dimethyl ether	11.37*	1825.2	[0.09]	10.38	1421.2	0.01

β-Copaene	7.93	1538.3	0.20	10.43	1424.8	0.18
Heptyl tiglate				10.53	1432.3	0.03
Aromadendrene	8.11*	1552.6	[0.09]	10.55	1433.8	0.08
Isogermacrene D	8.55	1587.7	0.17	10.58	1435.9	0.03
6,9-Guaiadiene	8.21*	1560.4	[0.36]	10.64	1440.5	0.45
Unknown BOCA IV [m/z 91, 161 (92), 105 (85), 119 (63), 133 (53), 79 (49), 204 (46)]	8.36	1572.7	0.40	10.71	1445.4	0.41
Citronellyl propionate	9.84	1693.5	0.40	10.72	1446.5	0.48
α-Humulene	8.85	1611.1	0.29	10.75	1448.4	0.30
allo-Aromadendrene	8.57	1588.7	0.31	10.84	1455.6	0.21
trans-Cadina-1(6),4- diene	8.81	1608.2	0.24	11.05	1470.8	0.25
γ-Murolene	9.12	1633.7	0.14	11.09	1474.3	0.14
Geranyl propionate	10.87	1781.6	0.08	11.13*	1477.1	[1.99]
Germacrene D	9.34*	1651.9	[1.69]	11.13*	1477.1	[1.99]
α-Amorphene	9.15	1636.0	0.24	11.15	1478.9	0.11
β-Selinene	9.41*	1657.7	[0.27]	11.18	1481.0	0.15
γ-Amorphene	9.41*	1657.7	[0.27]	11.25*	1486.4	[0.14]
Phenylethyl isovalerate	12.54	1931.8	0.04	11.25*	1486.4	[0.14]
Bicyclogermacrene	9.61*	1673.9	[0.59]	11.33*	1492.0	[0.80]
α-Selinene	9.54	1668.6	0.04	11.33*	1492.0	[0.80]
Viridiflorene	9.21	1640.8	0.20	11.33*	1492.0	[0.80]
4-epi-cis- Dihydroagarofuran	9.48*	1663.5	[3.01]	11.39	1496.9	0.06
α-Murolene	9.61*	1673.9	[0.59]	11.41	1498.2	0.26
γ-Cadinene	9.94	1701.5	0.48	11.57	1510.4	0.43
7-epi-α-Selinene	9.98*	1704.9	[0.94]	11.65	1516.6	0.09
Geranyl isobutyrate	10.78	1774.1	0.26	11.68	1519.2	0.26
δ-Cadinene	9.98*	1704.9	[0.94]	11.71*	1521.7	[1.13]
trans-Calamenene	10.74	1770.1	0.49	11.71*	1521.7	[1.13]
trans-Cadina-1,4- diene	10.21	1724.5	0.16	11.81	1529.0	0.12
Citronellyl butyrate	10.65*	1762.2	[0.42]	11.84	1531.5	0.50
α-Cadinene	10.39*	1739.8	[33.08]	11.88*	1534.6	[0.14]
Phenylethyl angelate?	13.74	2046.5	0.06	11.88*	1534.6	[0.14]
α-Agarofuran	11.30	1819.0	0.35	11.91	1537.5	0.34
1-nor-Bourbonanone	12.94*	1969.4	[0.28]	12.20	1559.8	0.05
Geranyl butyrate	11.75*	1859.5	[0.94]	12.25	1563.8	0.91
Spathulenol	13.92	2063.9	0.31	12.34	1571.3	0.21
Caryophyllene oxide isomer	12.24	1904.1	0.02	12.39*	1575.3	[0.19]
Caryophyllene oxide	12.29	1908.3	0.14	12.39*	1575.3	[0.19]

Globulol	13.44	2016.6	0.08	12.42	1577.6	0.08
Phenylethyl tiglate	14.53*	2123.9	[0.81]	12.48	1582.8	0.83
Viridiflorol	13.52	2024.8	0.07	12.55	1588.0	0.06
Geranyl 2-methylbutyrate?	11.75*	1859.5	[0.94]	12.72	1601.4	0.11
Geranyl isovalerate	11.75*	1859.5	[0.94]	12.77	1605.4	0.11
10-epi- γ -Eudesmol	13.65	2037.4	4.59	12.87	1613.9	4.74
1-epi-Cubenol	13.30	2003.2	0.13	12.99	1623.2	0.16
γ -Eudesmol	14.44	2114.8	0.23	13.03	1626.6	0.21
Citronellyl valerate?	11.82	1865.8	0.21	13.07	1630.1	0.19
Unknown PEGR II [m/z 147, 162 (79), 43 (64), 59 (64), 95 (47), 91 (44), 105 (43)... 238 (13)]	14.72*	2143.1	[0.08]	13.10	1633.1	0.07
τ -Muurolool	14.53*	2123.9	[0.81]	13.17*	1638.2	[0.59]
Cubenol	13.24	1997.5	0.20	13.17*	1638.2	[0.59]
τ -Cadinol	14.39	2109.7	0.08	13.17*	1638.2	[0.59]
β -Eudesmol	14.91	2162.3	0.28	13.22	1642.8	0.29
α -Eudesmol	14.81*	2152.3	[0.33]	13.27	1646.6	0.29
α -Cadinol	15.00	2171.5	0.12	13.30	1649.4	0.14
Valerianol	14.81*	2152.3	[0.33]	13.35	1653.6	0.04
Geranyl valerate	12.72	1948.4	0.02	13.42	1659.7	0.20
Citronellyl tiglate	12.94*	1969.4	[0.28]	13.53	1668.1	0.34
Citronellyl 4-methylvalerate				13.76	1687.7	0.11
3 β ,4 β -Oxidoagarofuran?	15.55	2228.6	0.07	13.87	1696.6	0.04
Geranyl tiglate	13.96	2068.1	1.18	13.95	1703.1	1.15
Geranyl 4-methylvalerate?	13.36	2008.8	0.21	14.15	1720.3	0.18
Citronellyl caproate	12.80	1956.7	0.16	14.18	1723.0	0.04
Geranyl caproate	13.83	2054.9	0.11	14.56	1756.6	0.10
Citronellyl heptanoate				15.28	1819.8	0.07
Phytone	14.17	2088.0	0.04	15.59	1847.5	0.03
Geranyl heptanoate	14.72*	2143.1	[0.08]	15.66	1854.0	0.11
Citronellyl caprylate	14.81*	2152.3	[0.33]	16.35	1917.4	0.04
Geranyl caprylate	15.13	2185.3	0.03	16.71	1951.6	0.05
Unknown CYWI III [m/z 69, 81 (84), 137 (53), 83 (30), 95 (27), 41 (19)...]	22.22	3019.6	0.05	24.48	2823.8	0.02
Total reported		94.98%			96.85%	

*: 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