

Date : 2025-02-10

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 25A27-PTH03

Customer Identification : Organic Lemon Eucalyptus - Brazil - E10114R

Type : Essential Oil

Source : *Eucalyptus citriodora* [syn. *Corymbia citriodora*]

Customer : Plant Therapy

Checked and approved by:

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

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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 : 2025-01-29

PHYSICOCHEMICAL DATA

Refractive index : 1.4543 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2025-01-28

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
Ethanol	tr	Aliphatic alcohol
3-Methylcyclopentene	0.02	Alkene
Methylcyclopentane ?	0.01	Alkane
Isovaleral	0.01	Aliphatic aldehyde
3-Methylcyclopentanol	0.01	Aliphatic alcohol
(2E)-Hexenal	tr	Aliphatic aldehyde
Unknown	0.02	Unknown
Unknown	0.02	Unknown
Styrene	0.02	Simple phenolic
Isobutyl isobutyrate	0.04	Aliphatic ester
α -Thujene	0.02	Monoterpene
α -Pinene	0.36	Monoterpene
3-Methylcyclohexanone	0.01	Aliphatic ketone
Camphene	tr	Monoterpene
Unknown	0.01	Unknown
Unknown	tr	Unknown
β -Pinene	0.60	Monoterpene
Sabinene	0.06	Monoterpene
Myrcene	0.08	Monoterpene
α -Phellandrene	0.01	Monoterpene
Isobutyl 2-methylbutyrate	0.01	Aliphatic ester
Isobutyl isovalerate	tr	Aliphatic ester
α -Terpinene	0.01	Monoterpene
Isoamyl isobutyrate	0.02	Aliphatic ester
2-Methylbutyl isobutyrate	0.01	Aliphatic ester
<i>para</i> -Cymene	0.05	Monoterpene
Limonene	0.15	Monoterpene
Unknown	0.04	Unknown
1,8-Cineole	0.67	Monoterpenic ether
Unknown	0.06	Unknown
(Z)- β -Ocimene	0.07	Monoterpene
(E)- β -Ocimene	0.06	Monoterpene
2,6-Dimethyl-5-heptenal (melonal)	0.18	Aliphatic aldehyde
γ -Terpinene	0.15	Monoterpene
<i>para</i> -Mentha-3,8-diene	0.07	Monoterpene
Terpinolene isomer	0.02	Monoterpene
Terpinolene	0.07	Monoterpene
Unknown	0.02	Oxygenated monoterpene
Linalool	0.46	Monoterpenic alcohol
Phenylethyl alcohol	0.04	Simple phenolic

<i>cis</i> -Rose oxide	0.01	Monoterpenic ether
<i>trans</i> -Rose oxide	0.03	Monoterpenic ether
Unknown	0.08	Oxygenated normonoterpene
Isopulegol	5.50	Monoterpenic alcohol
Menthone	0.05	Monoterpenic ketone
iso-Isopulegol	2.95	Monoterpenic alcohol
Isomenthone	0.01	Monoterpenic ketone
Citronellal	71.21	Monoterpenic aldehyde
Borneol	0.05	Monoterpenic alcohol
neoiso-Isopulegol	0.36	Monoterpenic alcohol
Isopulegol isomer	0.09	Monoterpenic alcohol
<i>trans</i> -Isopulegone	0.02	Monoterpenic ketone
Terpinen-4-ol	0.04	Monoterpenic alcohol
α -Terpineol	0.08	Monoterpenic alcohol
<i>trans</i> -Pulegol	0.02	Monoterpenic alcohol
Nerol	0.03	Monoterpenic alcohol
Citronellol	5.45	Monoterpenic alcohol
Neral	0.06	Monoterpenic aldehyde
Unknown	0.14	Unknown
Geraniol	0.08	Monoterpenic alcohol
Unknown	0.16	Unknown
Methyl citronellate	0.04	Monoterpenic ester
Geranial	0.03	Monoterpenic aldehyde
Isopulegyl acetate	0.01	Monoterpenic ester
Citronellyl formate	0.02	Monoterpenic ester
Unknown	0.02	Unknown
Benzyl isobutyrate	0.02	Phenolic ester
8-Hydroxy-neo-menthol	0.65	Monoterpenic alcohol
Citronellic acid	0.38	Monoterpenic acid
8-Hydroxymenthol	0.02	Monoterpenic alcohol
Eugenol	0.09	Phenylpropanoid
8-Hydroxy-iso-menthol	0.28	Monoterpenic alcohol
Citronellyl acetate	0.79	Monoterpenic ester
Neryl acetate	0.01	Monoterpenic ester
8-Hydroxy-neoiso-menthol	0.01	Monoterpenic alcohol
Isobutyl phenylacetate	0.01	Phenolic ester
Geranyl acetate	0.03	Monoterpenic ester
β -Elemene	0.03	Sesquiterpene
Benzyl isovalerate	0.03	Phenolic ester
(<i>Z</i>)-Jasmone	0.05	Jasmonate
Methyleugenol	0.08	Phenylpropanoid
β -Caryophyllene	0.80	Sesquiterpene
α -Humulene	0.05	Sesquiterpene
allo-Aromadendrene	0.01	Sesquiterpene
(<i>E</i>)- β -Farnesene	0.01	Sesquiterpene

γ-Murolene	0.01	Sesquiterpene
Germacrene D	0.03	Sesquiterpene
Isoamyl phenylacetate	0.02	Phenolic ester
Bicyclogermacrene	0.04	Sesquiterpene
Phenylethyl 2-methylbutyrate	0.01	Phenolic ester
α-Murolene	tr	Sesquiterpene
Germacrene A	tr	Sesquiterpene
γ-Cadinene	0.01	Sesquiterpene
Geranyl isobutyrate	0.01	Monoterpenic ester
trans-Calamenene	0.01	Sesquiterpene
δ-Cadinene	0.02	Sesquiterpene
Germacrene B	0.01	Sesquiterpene
Spathulenol	0.01	Sesquiterpenic alcohol
Caryophyllene oxide	0.06	Sesquiterpenic ether
Caryophyllene oxide isomer	0.04	Sesquiterpenic ether
Humulene epoxide II	0.01	Sesquiterpenic ether
τ-Cadinol	0.01	Sesquiterpenic alcohol
α-Cadinol	0.01	Sesquiterpenic alcohol
Unknown	0.07	Oxygenated diterpene
Unknown	0.01	Oxygenated diterpene
Unknown	0.07	Oxygenated diterpene
Unknown	0.02	Oxygenated diterpene
Unknown	0.02	Oxygenated diterpene
Unknown	1.05	Oxygenated diterpene
Unknown	0.05	Oxygenated diterpene
Unknown	0.04	Oxygenated diterpene
Unknown	0.07	Oxygenated diterpene
Unknown	0.08	Oxygenated diterpene
Unknown	0.29	Oxygenated diterpene
Unknown	0.05	Oxygenated diterpene
Unknown	0.01	Oxygenated diterpene
Unknown	0.06	Oxygenated diterpene
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.03	Unknown
Unknown	0.02	Oxygenated diterpene
Unknown	0.09	Oxygenated diterpene
Unknown	0.04	Unknown
Unknown	0.05	Unknown
Unknown	0.04	Unknown
Unknown	0.02	Unknown
Unknown	0.01	Oxygenated diterpene
Unknown	0.08	Unknown
Unknown	0.04	Oxygenated diterpene

Unknown	0.01	Unknown
Unknown	0.34	Unknown
Unknown	0.19	Unknown
Unknown	0.40	Unknown
Unknown	0.13	Unknown
Unknown	1.10	Unknown
Consolidated total	98.13	

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

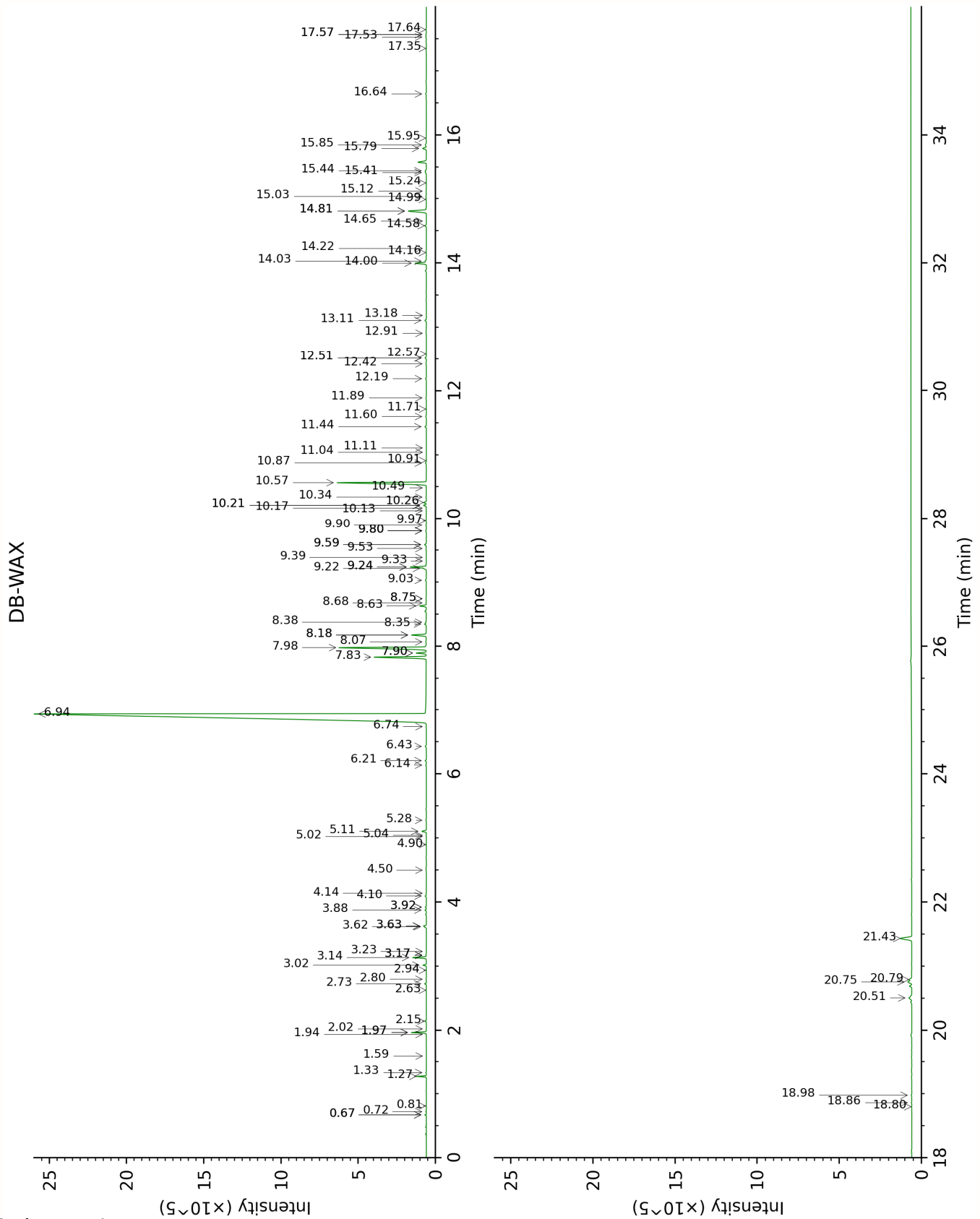
Note: no correction factor was applied

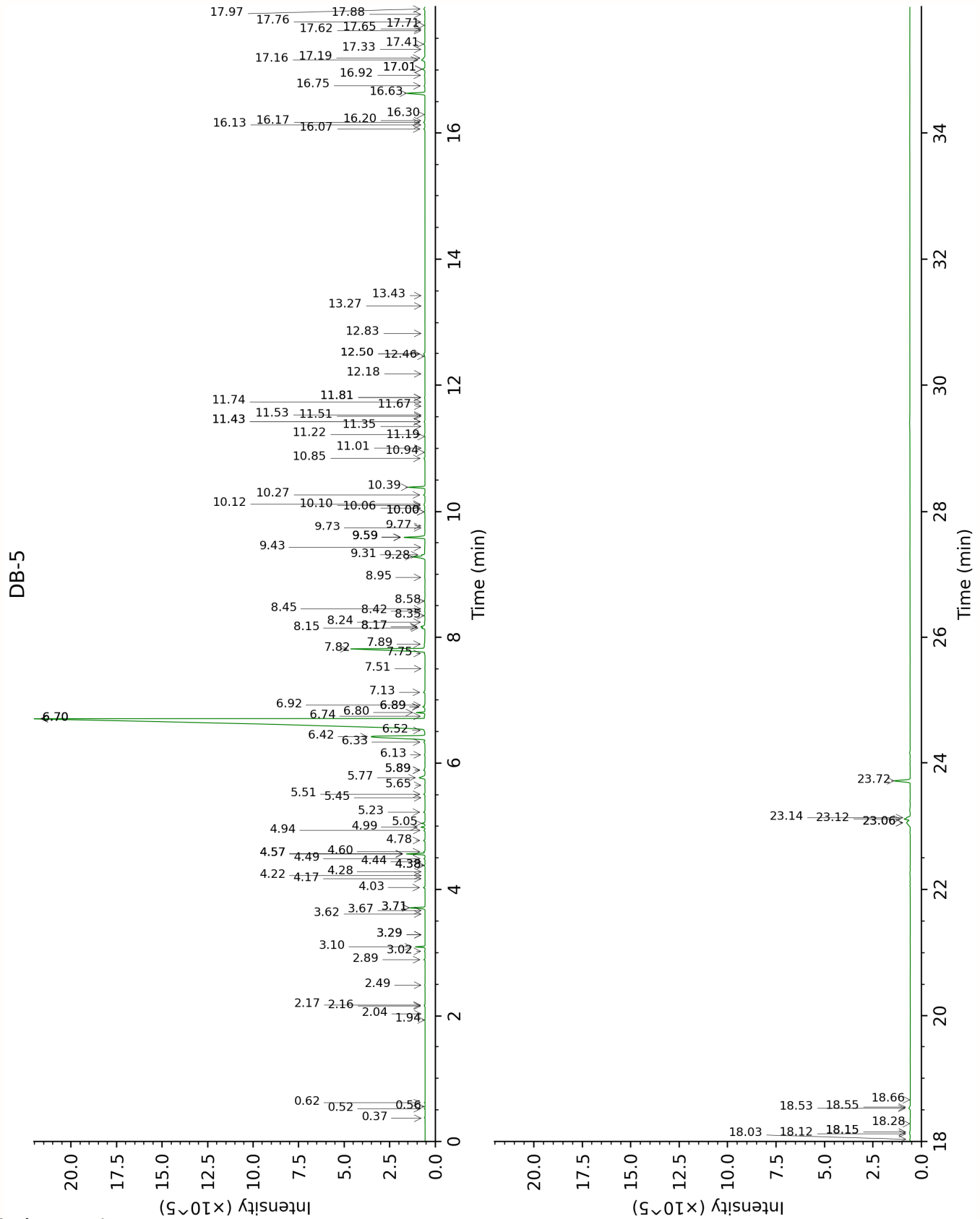
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

Ethanol	Column DB-WAX			Column DB-5		
	0.81	908.1	tr	0.37	499.2	tr
3-Methylcyclopentene				0.52	605.0	0.02
Methylcyclopentane ?				0.56	617.4	0.01
Isovaleral	0.72	885.0	0.01	0.62	638.9	0.01
3-Methylcyclopentanol	4.90	1298.0	0.01	1.94	840.3	0.01
(2E)-Hexenal	3.23	1172.3	tr	2.04	848.4	tr
Unknown COCI I [m/z 55, 83 (89), 82 (70), 67 (66), 41 (55), 69 (46), 111 (37)... 126 (2)]	0.67*	865.7	[0.05]	2.16	858.8	0.02
Unknown COCI II [m/z 55, 83 (79), 67 (65), 41 (63), 82 (60), 69 (58)... 111 (27), 126 (9)]	0.67*	865.7	[0.05]	2.18	860.1	0.02
Styrene	3.63*	1203.8	[0.14]	2.49	886.4	0.02
Isobutyl isobutyrate	1.97*	1063.4	[0.65]	2.89	916.8	0.04
α -Thujene	1.33	998.0	0.02	3.02	925.6	0.02
α -Pinene	1.27	987.9	0.35	3.10	930.3	0.36
3-Methylcyclohexanone	4.50	1268.3	0.01	3.29*	943.0	[0.01]
Camphene	1.59	1024.7	tr	3.29*	943.0	[0.01]
Unknown COCI III [m/z 99, 81 (98), 55 (51), 43 (42), 41 (34)... 109? (2)]	1.94	1060.4	0.01	3.62	964.8	0.01
Unknown COCI IV [m/z 99, 81 (96), 43 (58), 55 (56), 41 (43)...]	2.02	1069.1	tr	3.67	968.5	tr
β -Pinene	1.97*	1063.4	[0.65]	3.71*	971.3	[0.66]
Sabinene	2.15	1081.6	0.06	3.71*	971.3	[0.66]
Myrcene	2.73	1132.0	0.07	4.03	992.6	0.08
α -Phellandrene	2.63	1124.1	0.01	4.17	1001.9	0.01
Isobutyl 2-methylbutyrate	2.94	1148.8	0.01	4.22	1005.1	0.01
Isobutyl isovalerate	3.17*	1167.6	[0.03]	4.28	1008.9	tr
α -Terpinene	2.80	1137.7	0.01	4.38*	1015.3	[0.03]
Isoamyl isobutyrate	3.17*	1167.6	[0.03]	4.38*	1015.3	[0.03]
2-Methylbutyl isobutyrate	3.17*	1167.6	[0.03]	4.44	1018.8	0.01
<i>para</i> -Cymene	3.92*	1225.6	[0.05]	4.49	1021.9	0.05
Limonene	3.02	1155.3	0.15	4.57*	1026.7	[0.84]

Unknown COCI XLIII [m/z 59, 43 (11), 109 (10), 41 (10), 127 (8)...]	6.14	1388.0	0.04	4.57*	1026.7	[0.84]
1,8-Cineole	3.14	1164.7	0.67	4.57*	1026.7	[0.84]
Unknown COCI XLIV [m/z 59, 43 (12), 109 (11), 41 (10), 127 (8)...]	6.21	1393.0	0.06	4.60	1028.8	0.06
(Z)- β -Ocimene	3.62	1203.1	0.07	4.78	1040.0	0.07
(E)- β -Ocimene	3.88	1222.2	0.07	4.94	1050.0	0.06
2,6-Dimethyl-5- heptenal (melonal)	5.11	1314.0	0.25	4.99	1053.3	0.18
γ -Terpinene	3.63*	1203.8	[0.14]	5.05	1057.1	0.15
<i>para</i> -Mentha-3,8- diene	3.92*	1225.6	[0.05]	5.23	1068.1	0.07
Terpinolene isomer	4.14	1241.6	0.01	5.45	1082.4	0.02
Terpinolene	4.10	1238.5	0.06	5.51	1085.9	0.07
Unknown COCI VI [m/z 67, 82 (79), 81 (34), 41 (32), 55 (16)... 152 (5)]	5.02	1308.1	0.01	5.65	1094.8	0.02
Linalool	7.90*	1518.7	[0.48]	5.77	1102.3	0.46
Phenylethyl alcohol	11.89	1847.2	0.04	5.89*	1110.0	[0.07]
<i>cis</i> -Rose oxide	5.04	1309.5	0.01	5.89*	1110.0	[0.07]
<i>trans</i> -Rose oxide	5.28	1326.3	0.03	6.13	1125.5	0.03
Unknown COCI VIII [m/z 41, 69 (87), 82 (66), 67 (55), 109 (46)... 142 (18)]	9.22	1622.0	0.10	6.33	1138.3	0.08
Isopulegol	7.98	1525.2	5.58	6.42	1143.8	5.50
Menthone	6.43	1409.2	0.08	6.52	1150.1	0.05
iso-Isopulegol	7.83	1513.7	2.95	6.70*	1161.9	[75.06]
Isomenthone	6.74	1432.0	0.01	6.70*	1161.9	[75.06]
Citronellal	6.94	1446.7	71.21	6.70*	1161.9	[75.06]
Borneol	9.59*	1652.0	[0.10]	6.74	1164.4	0.05
neoiso-Isopulegol	8.63	1575.6	0.34	6.80	1168.2	0.36
Isopulegol isomer	8.35	1553.7	0.09	6.89*	1174.0	[0.11]
<i>trans</i> -Isopulegone	8.75*	1584.3	[0.02]	6.89*	1174.0	[0.11]
Terpinen-4-ol	8.38	1555.9	0.04	6.92	1175.7	0.04
α -Terpineol	9.59*	1652.0	[0.10]	7.13	1189.4	0.08
<i>trans</i> -Pulegol	9.80*	1669.5	[0.04]	7.51	1213.7	0.02
Nerol	10.87	1758.8	0.06	7.75	1229.8	0.03
Citronellol	10.57	1732.8	5.68	7.82	1234.7	5.45
Neral	9.24*	1623.6	[0.85]	7.90	1239.7	0.06
Unknown COCI X [m/z 59, 41 (68), 43	10.21*†	1702.8	[0.15]	8.15	1256.7	0.14

(53), 97 (44), 69 (35)...						
Geraniol	11.44	1807.3	0.08	8.17*	1258.2	[0.24]
Unknown COCI XI						
[m/z 59, 41 (62), 43 (51), 97 (42), 69 (37)...	10.26*†	1706.5	[0.15]	8.17*	1258.2	[0.24]
Methyl citronellate	8.07	1532.1	0.04	8.24	1263.0	0.04
Geranial	9.90	1677.0	0.03	8.35	1270.0	0.03
Isopulegyl acetate	7.90*	1518.7	[0.48]	8.42	1274.6	0.01
Citronellyl formate	8.68	1579.2	0.02	8.45	1277.1	0.02
Unknown COCI XII						
[m/z 85, 41 (23), 67 (21), 82 (16), 43 (10)... 170? (1)]	12.51*	1903.0	[0.08]	8.58	1285.4	0.02
Benzyl isobutyrate	10.49	1725.9	0.02	8.95	1310.8	0.02
8-Hydroxy-neo-menthol	14.00	2042.3	0.65	9.28*†	1333.9	[0.85]
Citronellic acid				9.31*†	1336.0	[0.17]
8-Hydroxymenthol				9.42	1344.2	0.02
Eugenol	14.58	2098.7	0.09	9.59*	1355.6	[1.15]
8-Hydroxy-iso-menthol	14.81*	2121.6	[1.33]	9.59*	1355.6	[1.15]
Citronellyl acetate	9.24*	1623.6	[0.85]	9.59*	1355.6	[1.15]
Neryl acetate	9.98	1683.3	0.02	9.73	1366.1	0.01
8-Hydroxy-neoiso-menthol	14.99	2139.7	0.02	9.77	1368.4	0.01
Isobutyl phenylacetate	11.72	1831.7	0.01	10.00*	1384.8	[0.03]
Geranyl acetate	10.34	1713.6	0.03	10.00*	1384.8	[0.03]
β-Elemene	8.18*	1540.4	[0.82]	10.06	1389.0	0.03
Benzyl isovalerate	11.60	1821.4	0.05	10.10	1391.9	0.03
(Z)-Jasmone	12.19	1873.8	0.05	10.12	1393.3	0.05
Methyleugenol	13.11	1958.0	0.09	10.27	1403.7	0.08
β-Caryophyllene	8.18*	1540.4	[0.82]	10.39	1412.7	0.80
α-Humulene	9.03	1606.8	0.05	10.84	1446.7	0.05
allo-Aromadendrene	8.75*	1584.3	[0.02]	10.94	1453.9	0.01
(E)-β-Farnesene	9.33	1631.2	0.01	11.01	1458.8	0.01
γ-Murolene	9.39	1635.8	0.01	11.19	1472.4	0.01
Germacrene D	9.53	1647.1	0.03	11.22	1474.9	0.03
Isoamyl phenylacetate	12.91	1939.4	0.02	11.35	1484.4	0.02
Bicyclogermacrene	9.80*	1669.5	[0.04]	11.43*	1490.1	[0.05]
Phenylethyl 2-methylbutyrate	12.58	1908.7	0.01	11.43*	1490.1	[0.05]
α-Murolene	9.80*	1669.5	[0.04]	11.51	1496.4	tr
Germacrene A	10.17	1699.0	0.02	11.53	1497.9	tr

γ-Cadinene	10.13	1695.6	0.01	11.67	1508.6	0.01
Geranyl isobutyrate	11.11	1778.7	0.01	11.74	1513.7	0.01
<i>trans</i> -Calamenene	11.04	1773.0	0.01	11.81*	1519.3	[0.02]
δ-Cadinene	10.21*†	1702.8	[0.15]	11.81*	1519.3	[0.02]
Germacrene B	10.91	1761.9	tr	12.18	1548.7	0.01
Spathulenol	14.16	2058.1	0.03	12.46	1570.5	0.01
Caryophyllene oxide	12.51*	1903.0	[0.08]	12.50*	1573.5	[0.10]
Caryophyllene oxide isomer	12.42	1894.5	0.04	12.50*	1573.5	[0.10]
Humulene epoxide II	13.18	1965.1	0.01	12.83	1599.7	0.01
τ-Cadinol	14.65	2105.9	0.01	13.26	1635.2	0.01
α-Cadinol	15.24	2165.4	0.01	13.43	1648.6	0.01
Unknown COCI XVIII [m/z 81, 69 (87), 93 (74), 121 (71), 41 (70), 205 (47)... 290 (18)]				16.07	1878.4	0.07
Unknown COCI XIX [m/z 69, 41 (48), 81 (36), 121 (34), 83 (32), 55 (30)... 290 (t)]				16.13	1884.3	0.01
Unknown COCI XX [m/z 81, 93 (70), 121 (64), 69 (64), 41 (56), 205 (50)... 290 (19)]	14.03	2045.2	0.08	16.17	1888.1	0.07
Unknown COCI XXI [m/z 165, 69 (87), 205 (72), 81 (67), 41 (65)... 290 (4)]	14.22	2064.3	0.01	16.20	1890.5	0.02
Unknown COCI XXII [m/z 165, 205 (96), 69 (72), 41 (61), 81 (49)... 290 (6)]				16.30	1899.2	0.02
Unknown COCI XXIII [m/z 81, 137 (85), 95 (48), 69 (44)... 308? (t)]	14.81*	2121.6	[1.33]	16.63	1931.1	1.05
Unknown COCI XXIV [m/z 137, 81 (81), 95 (41), 183 (38)...]	15.12	2152.6	0.02	16.75	1942.2	0.05
Unknown COCI XXV [m/z 69, 81 (53), 41 (51), 137 (39), 121 (33)...]	15.03	2144.3	0.04	16.92	1958.0	0.04
Unknown COCI XXVI [m/z 81, 93 (59), 205 (55), 121 (50), 41	15.42	2182.8	0.07	17.01*	1967.3	[0.16]

(43)... 290 (8)]						
Unknown COCI XLV [m/z 81, 205 (66), 69 (58), 41 (56), 93 (56), 121 (47)... 290 (9)]	15.44	2185.6	0.08	17.01*	1967.3	[0.16]
Unknown COCI XXVII [m/z 81, 137 (60), 69 (47), 95 (41), 41 (39), 55 (25)... 308? (t)]	15.79	2221.8	0.24	17.16	1981.1	0.29
Unknown COCI XXVIII [m/z 81, 137 (94), 95 (46), 69 (38), 41 (36)...]	15.84	2227.4	0.10	17.19	1983.9	0.05
Unknown COCI XXIX [m/z 81, 137 (70), 95 (46), 69 (45), 41 (39), 55 (29)...]	15.95	2238.6	0.02	17.33	1997.1	0.01
Unknown COCI XXX [m/z 41, 69 (98), 55 (55), 81 (46), 109 (46)... 290 (8)]	16.64	2311.3	0.05	17.41	2005.0	0.06
Unknown COCI LXIII [m/z 69, 41 (95), 55 (57), 109 (46), 95 (45), 67 (34)...]				17.62	2026.2	0.01
Unknown COCI LXIV [m/z 69, 41 (96), 55 (53), 109 (48), 95 (43), 67 (35)...]				17.65	2028.8	0.01
Unknown COCI XXXI [m/z 81, 69 (44), 95 (43), 137 (42)...]	17.57*	2412.9	[0.04]	17.71	2034.5	0.01
Unknown COCI XXXII [m/z 81, 137 (68), 95 (44), 43 (40), 69 (39), 183 (35)...]	17.35	2388.6	0.01	17.76	2039.9	0.03
Unknown COCI XXXIII [m/z 69, 81 (88), 43 (85), 95 (60)... 308 (t)]	18.86	2560.8	0.03	17.88	2051.7	0.02
Unknown COCI XXXV [m/z 81, 95 (49), 69 (48), 137 (47), 43 (36)... 308 (1)]				17.97	2060.3	0.09
Unknown COCI XXXIV [m/z 81, 137 (48), 95 (39), 69 (34), 41 (26)...]	17.57*	2412.9	[0.04]	18.03	2067.0	0.04

Unknown COCI XXXVI [m/z 69, 81 (56), 83 (52), 41 (39), 95 (42), 55 (27)...]	17.53	2408.4	0.04	18.12	2075.7	0.05
Unknown COCI XXXVIII [m/z 81, 137 (50), 69 (41), 95 (40)...]				18.15*	2078.5	[0.06]
Unknown COCI XXXVII [m/z 69, 81 (63), 83 (56), 41 (39), 95 (31)...]	17.64	2421.5	0.02	18.15*	2078.5	[0.06]
Unknown COCI XL [m/z 223, 69 (83), 43 (82), 81 (62), 139 (54), 41 (51)... 293 (7), 308 (t)]	18.80	2553.5	0.02	18.28	2091.8	0.01
Unknown COCI XLI [m/z 69, 81 (71), 41 (47), 83 (44), 95 (43), 43 (41)... 293 (2)...]				18.53	2116.5	0.08
Unknown COCI XLII [m/z 81, 43 (94), 69 (68), 95 (55), 41 (55), 55 (46)... 293 (8), 308 (1)]	18.98	2574.4	0.04	18.55	2118.5	0.04
Unknown COCI LI [m/z 69, 41 (88), 95 (60), 55 (54), 81 (47), 109 (42)...]				18.66	2130.4	0.01
Unknown COCI XLVI [m/z 81, 69 (83), 137 (61), 95 (50), 83 (45)...]	20.51	2761.1	0.34	23.06*	2627.2	[0.53]
Unknown COCI XLVII [m/z 81, 69 (73), 137 (60), 95 (45), 83 (41)...]				23.06*	2627.2	[0.53]
Unknown COCI XLIX [m/z 81, 69 (67), 137 (56), 95 (40), 83 (38)...]	20.76	2792.3	0.35	23.12	2634.8	0.40
Unknown COCI XLVIII [m/z 81, 69 (70), 137 (56), 95 (43), 83 (36)...]	20.79	2797.1	0.20	23.14	2637.4	0.13
Unknown COCI L [m/z 69, 83 (59), 81 (56), 137 (48), 41 (29), 139 (28)...]	21.43	2880.2	1.05	23.72	2710.6	1.10

Total reported	97.41%			99.02%		

*: 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