Date : 2025-05-14

Certificate of Analysis - GC Profiling

Sample Identification

Internal code : 25D08-PTH04
Customer Identification : Lemongrass - India - L80118R
Type : Essential Oil
Source : *Cymbopogon flexuosus*
Customer : Plant Therapy

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Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia.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

This report is an update from the first version issued on 2025-04-15 to correct the customer identification.

Méthode certifiée ISO 17025:2017 Certified method

Laboratoire PhytoChemia

628 Boulevard du Saguenay Ouest, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

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 : 2025-04-09

Physicochemical data

Refractive index : 1.4859 ± 0.0003 (20 °C)
Method : PC-MAT-016 - Measure of the refractive index of a liquid.
Analyst : Cindy Caron B. Sc.
Date : 2025-04-09

Conclusion

No adulterant, contaminant or diluent has been detected using this method.

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

Analysis Summary - Consolidated Contents

New readers of similar reports are encouraged to read table footnotes at least once.

Identification	%	Class
2-Methyl-3-buten-2-ol	0.02	Aliphatic alcohol
Isovaleral	tr	Aliphatic aldehyde
2-Methylbutyral	tr	Aliphatic aldehyde
Isoamyl alcohol	tr	Aliphatic alcohol
Hexanal	tr	Aliphatic aldehyde
Unknown	0.01	Unknown
(3*Z*)-Hexenol	0.01	Aliphatic alcohol
4-Heptanone	0.01	Aliphatic ketone
Tricyclene	0.11	Monoterpene
α-Pinene	0.15	Monoterpene
Camphene	0.90	Monoterpene
Benzaldehyde	0.01	Simple phenolic
Sabinene	0.01	Monoterpene
β-Pinene	0.01	Monoterpene
6-Methyl-5-hepten-2-one	0.96	Aliphatic ketone
Dehydro-1,8-cineole	0.03	Monoterpenic ether
Myrcene	0.07	Monoterpene
6-Methyl-5-hepten-2-ol	0.08	Aliphatic alcohol
Octanal	0.09	Aliphatic aldehyde
α-Phellandrene	0.01	Monoterpene
α-Terpinene	tr	Monoterpene
para-Cymene	0.01	Monoterpene
1,8-Cineole	tr	Monoterpenic ether
Limonene	0.23	Monoterpene
β-Phellandrene	0.03	Monoterpene
Benzeneacetaldehyde	tr	Simple phenolic
(*Z*)-β-Ocimene	0.33	Monoterpene
(*E*)-β-Ocimene	0.21	Monoterpene
2,6-Dimethyl-5-heptenal (melonal)	0.03	Aliphatic aldehyde
γ-Terpinene	0.01	Monoterpene
cis-Linalool oxide (fur.)	0.01	Monoterpenic alcohol
4-Nonanone	0.92	Aliphatic ketone
Octanol	0.02	Aliphatic alcohol
Camphenilone	0.01	Normonoterpenic ketone
trans-Linalool oxide (fur.)	0.09	Monoterpenic alcohol
Terpinolene	0.05	Monoterpene
α-Pinene oxide	0.01	Monoterpenic ether
4-Nonanol	0.03	Aliphatic alcohol
Rosefuran	0.21	Monoterpenic ether
Linalool	0.96	Monoterpenic alcohol

cis-Chrysanthemal?	0.03	Monoterpenic aldehyde
(*Z*)-6-Methyl-3,5-heptadien-2-one	0.03	Aliphatic ketone
Unknown	0.08	Unknown
trans-para-Mentha-2,8-dien-1-ol	0.02	Monoterpenic alcohol
Unknown	0.14	Unknown
Unknown	0.02	Unknown
trans-Chrysanthemal	0.29	Monoterpenic aldehyde
exo-Isocitral	0.20	Monoterpenic aldehyde
Citronellal	0.24	Monoterpenic aldehyde
Borneol	0.16	Monoterpenic alcohol
α-Phellandren-8-ol	0.09	Monoterpenic alcohol
Isoneral	1.07	Monoterpenic aldehyde
Rosefuran oxide	[0.19]	Monoterpenic ether
Terpinen-4-ol	[0.19]	Monoterpenic alcohol
Unknown	0.07	Oxygenated monoterpene
Unknown	0.13	Unknown
Isogeranial	1.67	Monoterpenic aldehyde
Myrtenal	0.01	Monoterpenic aldehyde
α-Terpineol	0.15	Monoterpenic alcohol
Unknown	0.08	Unknown
trans-Isopiperitenol	0.02	Monoterpenic alcohol
Unknown	0.04	Oxygenated monoterpene
Decanal	0.19	Aliphatic aldehyde
cis-Isopiperitenol	0.03	Monoterpenic alcohol
2,3-Epoxyneral?	0.06	Monoterpenic aldehyde
Citronellol	0.03	Monoterpenic alcohol
Nerol	0.17	Monoterpenic alcohol
Neral	31.44	Monoterpenic aldehyde
Piperitone	0.05	Monoterpenic ketone
Geraniol	6.04	Monoterpenic alcohol
Geranial	41.28	Monoterpenic aldehyde
Unknown	0.11	Oxygenated monoterpene
Geranyl formate	0.03	Monoterpenic ester
Methyl geranate	0.03	Monoterpenic ester
Unknown	0.04	Unknown
Neric acid	0.07	Monoterpenic acid
Eugenol	0.07	Phenylpropanoid
Cyclosativene I	0.08	Sesquiterpene
Cyclosativene II	0.08	Sesquiterpene
Neryl acetate	0.02	Monoterpenic ester
α-Copaene	0.03	Sesquiterpene
Geranic acid	0.21	Aliphatic acid
β-Bourbonene	0.04	Sesquiterpene
β-Cubebene	0.04	Sesquiterpene
Geranyl acetate	2.78	Monoterpenic ester

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

β-Elemene	0.10	Sesquiterpene
Longifolene	0.03	Sesquiterpene
Unknown	0.01	Unknown
β-Caryophyllene	1.43	Sesquiterpene
β-Ylangene	0.07	Sesquiterpene
β-Copaene	0.03	Sesquiterpene
trans-α-Bergamotene	0.01	Sesquiterpene
6,9-Guaiadiene	0.02	Sesquiterpene
cis-β-Bergamotene?	0.01	Sesquiterpene
(*E*)-Isoeugenol	0.51	Phenylpropanoid
α-Humulene	0.16	Sesquiterpene
cis-Muurola-4(15),5-diene	0.05	Sesquiterpene
trans-Cadina-1(6),4-diene	0.03	Sesquiterpene
Germacrene D	0.26	Sesquiterpene
γ-Amorphene	0.03	Sesquiterpene
epi-Cubebol	0.11	Sesquiterpenic alcohol
α-Muurolene	0.05	Sesquiterpene
Methyl (*E*)-isoeugenol	0.02	Phenylpropanoid
δ-Amorphene	0.03	Sesquiterpene
γ-Cadinene	1.11	Sesquiterpene
Cubebol	0.23	Sesquiterpenic alcohol
δ-Cadinene	0.26	Sesquiterpene
10-epi-Cubebol?	0.06	Sesquiterpenic alcohol
(*E*)-γ-Bisabolene	0.14	Sesquiterpene
Neryl butyrate	0.01	Monoterpenic ester
α-Cadinene	0.10	Sesquiterpene
(*E*)-α-Bisabolene	0.01	Sesquiterpene
α-Elemol	0.06	Sesquiterpenic alcohol
Germacrene B	0.05	Sesquiterpene
Geranyl butyrate	0.12	Monoterpenic ester
Caryophyllene oxide isomer	0.06	Sesquiterpenic ether
Caryophyllene oxide	0.35	Sesquiterpenic ether
Humulene epoxide II	0.03	Sesquiterpenic ether
Selin-6-en-4α-ol isomer	0.02	Sesquiterpenic alcohol
1-epi-Cubenol	0.01	Sesquiterpenic alcohol
γ-Eudesmol	0.02	Sesquiterpenic alcohol
Cubenol	0.03	Sesquiterpenic alcohol
α-Eudesmol	0.01	Sesquiterpenic alcohol
(2*Z*,6*Z*)-Farnesol	0.03	Sesquiterpenic alcohol
Farnesal isomer	0.01	Sesquiterpenic aldehyde
(2*E*,6*E*)-Farnesal	0.01	Sesquiterpenic aldehyde
Neophytadiene	0.03	Diterpene
Phytone	0.01	Terpenic ketone
meta-Camphorene	0.01	Diterpene
Unknown	0.01	Unknown

Octadecanal	0.01	Aliphatic aldehyde
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Benzyl (*E*)-isoeugenol	0.01	Phenolic ester
Unknown	0.02	Unknown
Phytol isomer I	0.01	Diterpenic alcohol
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Consolidated total	**99.14**	

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

Note: no correction factor was applied

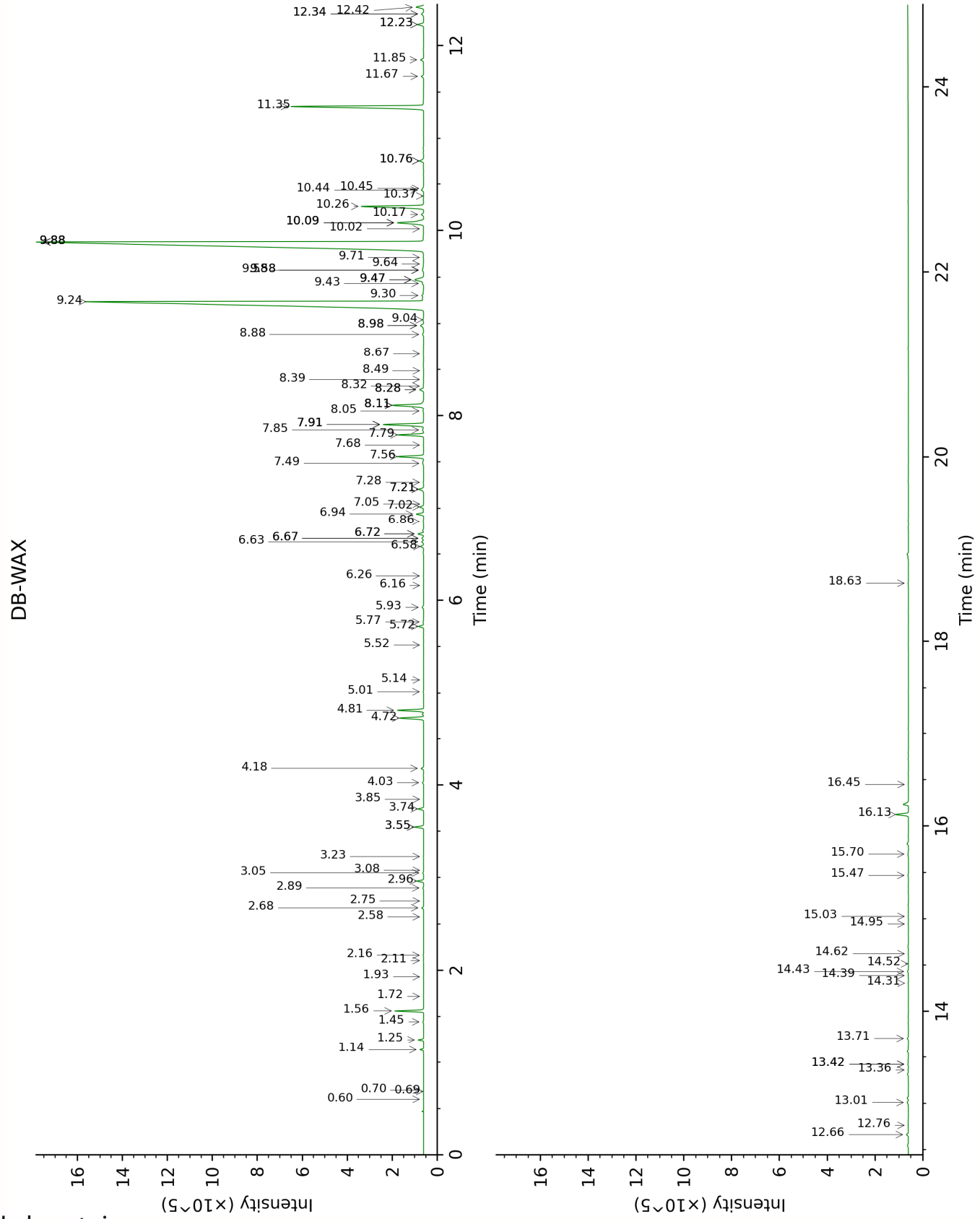
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

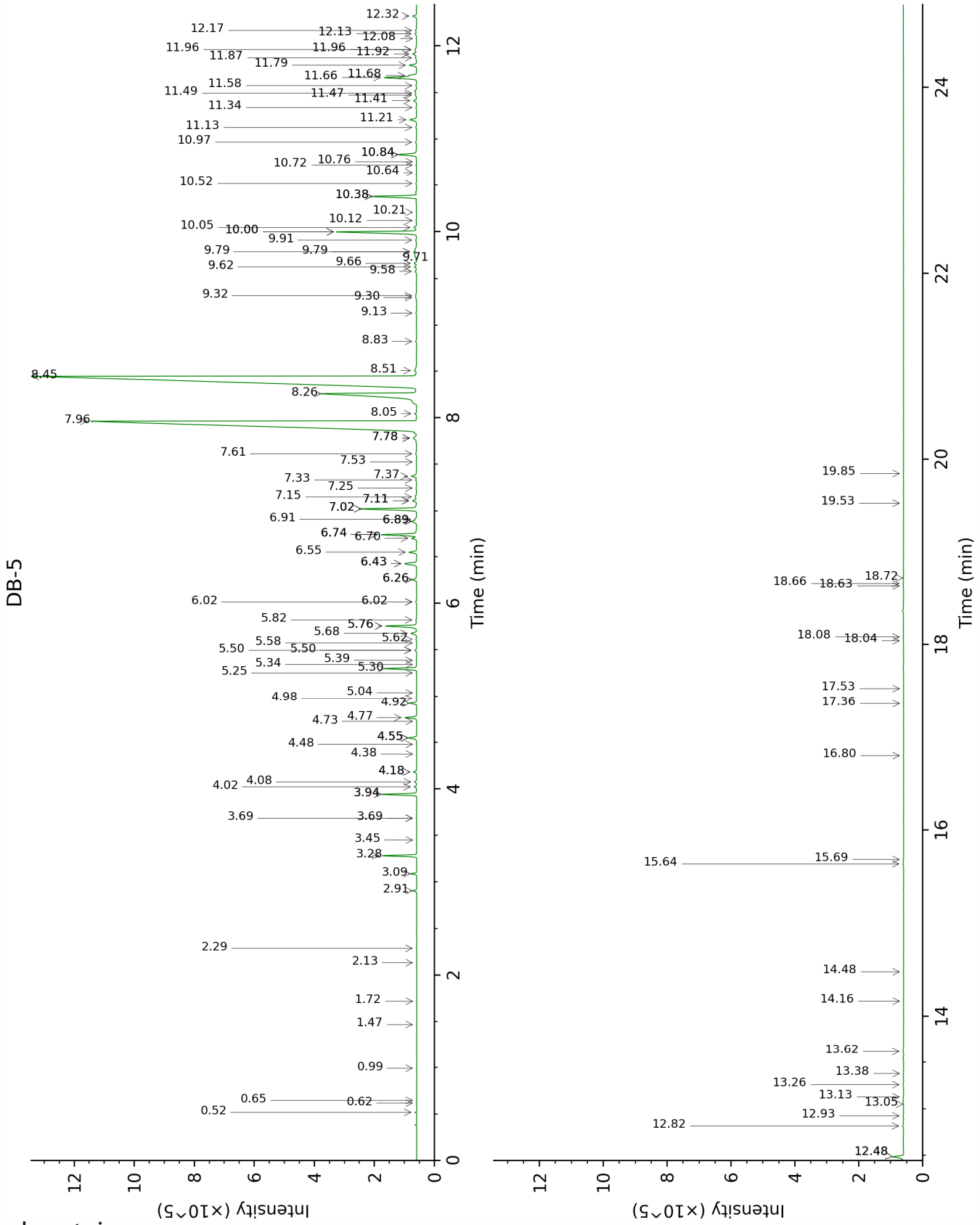
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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.

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com


DB-WAX
Time (min)
Intensity (×10^5)
12.34
12.42
12.23
11.85
11.67
11.35
10.76
10.44
10.45
10.37
10.26
10.17
10.09
10.02
9.88
9.71
9.64
9.43
9.47
9.30
9.24
9.04
8.98
8.88
8.67
8.49
8.39
8.32
8.28
8.11
8.05
7.91
7.85
7.79
7.68
7.56
7.49
7.28
7.21
7.05
7.02
6.94
6.86
6.72
6.67
6.63
6.58
6.26
6.16
5.93
5.77
5.72
5.52
5.14
5.01
4.81
4.72
4.18
4.03
3.85
3.74
3.55
3.23
3.08
3.05
2.96
2.89
2.75
2.68
2.58
2.16
2.11
1.93
1.72
1.56
1.45
1.25
1.14
0.70
0.69
0.60
18.63
16.45
16.13
15.70
15.47
15.03
14.95
14.62
14.52
14.43
14.39
14.31
13.71
13.42
13.36
13.01
12.76
12.66


DB-5
Time (min)
Intensity (×10^5)
12.32
12.17
12.13
12.08
11.96
11.96
11.92
11.87
11.79
11.66
11.68
11.58
11.49
11.47
11.41
11.34
11.21
11.13
10.97
10.84
10.72
10.76
10.64
10.52
10.38
10.21
10.12
10.05
10.00
9.91
9.79
9.79
9.71
9.66
9.62
9.58
9.32
9.30
9.13
8.83
8.51
8.45
8.26
8.05
7.96
7.78
7.61
7.53
7.37
7.33
7.25
7.15
7.11
7.02
6.91
6.89
6.74
6.70
6.55
6.43
6.26
6.02
6.02
5.82
5.76
5.68
5.62
5.58
5.50
5.50
5.39
5.34
5.30
5.25
5.04
4.98
4.92
4.77
4.73
4.55
4.48
4.38
4.18
4.08
4.02
3.94
3.69
3.69
3.45
3.28
3.09
2.91
2.29
2.13
1.72
1.47
0.99
0.65
0.62
0.52
19.85
19.53
18.72
18.66
18.63
18.08
18.04
17.53
17.36
16.80
15.69
15.64
14.48
14.16
13.62
13.38
13.26
13.13
13.05
12.93
12.82
12.48

FULL ANALYSIS DATA

2-Methyl-3-buten-2-ol	**Column DB-WAX**			**Column DB-5**		
	1.44	1011.8	0.02	0.52	602.0	0.02
Isovaleral	0.70	881.5	tr	0.62	637.9	tr
2-Methylbutyral	0.69	875.4	tr	0.65	648.0	tr
Isoamyl alcohol	3.23	1175.4	0.01	0.99	729.7	tr
Hexanal	1.72	1040.7	0.01	1.47	798.3	tr
Unknown PEGR III [m/z 81, 69 (80), 41 (65), 83 (52), 109 (48), 55 (47)...]	0.60	840.8	tr	1.72	821.0	0.01
(3*Z*)-Hexenol	5.52	1346.0	0.01	2.13	855.9	0.01
4-Heptanone	2.16	1087.3	0.02	2.29	869.0	0.01
Tricyclene	1.14	968.2	0.10	2.91	917.4	0.11
α-Pinene	1.25	988.3	0.15	3.09	929.6	0.15
Camphene	1.56	1024.2	0.90	3.28	942.6	0.90
Benzaldehyde	7.05	1460.1	0.01	3.45	953.8	0.01
Sabinene	2.11	1081.3	0.01	3.69*	969.6	[0.02]
β-Pinene	1.93	1062.9	0.01	3.69*	969.6	[0.02]
6-Methyl-5-hepten-2-one	4.81	1293.7	0.96	3.94*	986.8	[0.97]
Dehydro-1,8-cineole	2.89	1148.0	0.03	3.94*	986.8	[0.97]
Myrcene	2.68	1130.7	0.06	4.02	992.1	0.07
6-Methyl-5-hepten-2-ol	6.67*	1431.6	[0.08]	4.08	995.6	0.08
Octanal	4.18	1247.5	0.09	4.18*	1002.8	[0.10]
α-Phellandrene	2.58	1122.9	0.01	4.18*	1002.8	[0.10]
α-Terpinene	2.75	1136.7	0.01	4.38	1015.0	tr
para-Cymene	3.85	1222.8	0.01	4.48	1021.5	0.01
1,8-Cineole	3.08	1163.4	tr	4.55*	1025.9	[0.27]
Limonene	2.96	1154.1	0.23	4.55*	1025.9	[0.27]
β-Phellandrene	3.05	1161.1	0.03	4.55*	1025.9	[0.27]
Benzeneacetaldehyde	8.49	1571.8	0.01	4.73	1037.2	tr
(*Z*)-β-Ocimene	3.55*	1200.8	[0.34]	4.77	1039.7	0.33
(*E*)-β-Ocimene	3.74	1215.2	0.20	4.92	1049.5	0.21
2,6-Dimethyl-5-heptenal (melonal)	5.02	1309.0	0.02	4.98	1053.0	0.03
γ-Terpinene	3.55*	1200.8	[0.34]	5.04	1056.9	0.01
cis-Linalool oxide (fur.)	6.26	1400.9	0.02	5.25	1070.5	0.01
4-Nonanone	4.72	1287.5	0.94	5.30	1073.5	0.92
Octanol	7.91*	1526.1	[1.72]	5.34	1076.3	0.02
Camphenilone	6.16	1393.3	0.01	5.39	1079.1	0.01
trans-Linalool oxide (fur.)	6.63	1428.8	0.09	5.50*	1085.9	[0.06]

Terpinolene	4.03	1236.1	0.05	5.50*	1085.9	[0.06]
α-Pinene oxide	5.14	1318.3	0.01	5.58	1090.9	0.01
4-Nonanol				5.62	1093.3	0.03
Rosefuran	5.72	1360.8	0.21	5.68	1097.3	0.21
Linalool	7.80	1517.3	0.96	5.76*	1102.3	[1.03]
cis-Chrysanthemal?	5.77	1364.4	0.03	5.76*	1102.3	[1.03]
(*Z*)-6-Methyl-3,5-heptadien-2-one	7.91*	1526.1	[1.72]	5.82	1106.6	0.03
Unknown CYFL II [m/z 81, 79 (19), 41 (12), 92 (8), 77 (8)...]	5.93	1375.9	0.08	6.02*	1118.9	[0.03]
trans-para-Mentha-2,8-dien-1-ol	8.67	1586.3	0.02	6.02*	1118.9	[0.03]
Unknown CYFL III [m/z 81, 70 (98), 67 (63), 82 (53), 41 (46), 69 (46), 109 (43)...]	6.58	1424.9	0.14	6.26*	1134.3	[0.15]
Unknown CYFL IV [m/z 95, 67 (86), 41 (68), 82 (64), 123 (62)...]	7.28	1477.8	0.02	6.26*	1134.3	[0.15]
trans-Chrysanthemal	6.94	1452.0	0.29	6.43*	1145.4	[0.49]
exo-Isocitral	7.21*	1472.2	[0.23]	6.43*	1145.4	[0.49]
Citronellal	6.72*	1435.3	[0.23]	6.55	1153.2	0.24
Borneol	9.47*	1651.7	[0.57]	6.70	1162.8	0.16
α-Phellandren-8-ol	9.88*	1685.1	[41.21]	6.74*	1165.4	[1.16]
Isoneral	7.56	1498.9	1.07	6.74*	1165.4	[1.16]
Rosefuran oxide	8.28*	1555.7	[0.19]	6.89*	1175.0	[0.19]
Terpinen-4-ol	8.28*	1555.7	[0.19]	6.89*	1175.0	[0.19]
Unknown CYFL V [m/z 84, 83 (74), 137 (56), 41 (47), 93 (43), 108 (40)... 152 (2)]	9.30	1637.8	0.08	6.91	1176.5	0.07
Unknown CYFL XIV [m/z 69, 41 (65), 109 (36), 67 (16), 84 (11), 43 (10), 55 (9)...]				7.02*	1183.6	[1.81]
Isogeranial	7.91*	1526.1	[1.72]	7.02*	1183.6	[1.81]
Myrtenal	8.39	1564.4	0.01	7.11*	1189.2	[0.16]
α-Terpineol	9.47*	1651.7	[0.57]	7.11*	1189.2	[0.16]
Unknown DRMO III [m/z 43, 81 (47), 67 (45), 69 944), 41 (42), 59 (40), 55 (39)...]	8.88	1603.3	0.05	7.15	1191.8	0.08
trans-Isopiperitenol	10.09*	1702.2	[1.40]	7.25	1197.9	0.02

Unknown CYFL VI [m/z 84, 41 (83), 83 (79), 91 (76), 93 (67), 119 (64), 137 (63), 109 (54), 108 (54)... 152 (4)]	9.88*	1685.1	[41.21]	7.33	1203.6	0.04
Decanal	7.02	1457.7	0.16	7.37	1206.3	0.19
cis-Isopiperitenol	10.02	1696.7	0.01	7.53	1216.5	0.03
2,3-Epoxyneral?				7.61	1222.4	0.06
Citronellol	10.45	1733.9	0.03	7.78*	1233.7	[0.19]
Nerol	10.76*	1760.0	[0.19]	7.78*	1233.7	[0.19]
Neral	9.24	1632.3	31.29	7.96	1245.9	31.44
Piperitone	9.58*	1660.2	[0.10]	8.05	1251.4	0.05
Geraniol	11.35	1810.9	6.22	8.26	1265.8	6.04
Geranial	9.88*	1685.1	[41.21]	8.45	1278.3	41.28
Unknown CYFL VII [m/z 43, 69 (77), 41 (70), 109 (54)... 152 (6)]	12.66	1930.1	0.09	8.51	1282.5	0.11
Geranyl formate	9.58*	1660.2	[0.10]	8.83	1304.0	0.03
Methyl geranate	9.43	1648.4	0.06	9.13	1325.4	0.03
Unknown CYFL VIII [m/z 82, 59 (44), 41 (43), 95 (31), 43 (29), 81 (24)...]	12.34*	1900.3	[0.11]	9.30	1337.1	0.04
Neric acid				9.32	1338.6	0.07
Eugenol	14.43	2099.1	0.05	9.58	1357.0	0.07
Cyclosativene I	6.67*	1431.6	[0.08]	9.62	1360.3	0.08
Cyclosativene II	6.72*	1435.3	[0.23]	9.66	1363.1	0.08
Neryl acetate	9.88*	1685.1	[41.21]	9.71	1366.7	0.02
α-Copaene	6.86	1445.7	0.03	9.79*†	1371.8	[0.17]
Geranic acid				9.79*†	1371.8	[0.17]
β-Bourbonene	7.21*	1472.2	[0.23]	9.91	1380.6	0.04
β-Cubebene	7.49	1493.3	0.04	10.00*	1386.9	[2.78]
Geranyl acetate	10.26	1717.3	2.78	10.00*	1386.9	[2.78]
β-Elemene	8.11*	1542.4	[1.54]	10.05	1390.2	0.10
Longifolene	7.68	1508.6	0.02	10.12	1395.4	0.03
Unknown MEOF IV [m/z 150, 91 (93), 107 (74), 135 (68), 79 (57), 77 (44)...]	12.76	1939.4	0.01	10.21	1401.7	0.01
β-Caryophyllene	8.11*	1542.4	[1.54]	10.38*	1414.2	[1.50]
β-Ylangene	7.85	1521.4	0.07	10.38*	1414.2	[1.50]
β-Copaene	8.05	1537.6	0.04	10.52	1424.6	0.03
trans-α-Bergamotene	8.11*	1542.4	[1.54]	10.64	1433.7	0.01

6,9-Guaiadiene	8.32	1558.7	0.03	10.72	1439.8	0.02
cis-β-Bergamotene?				10.76	1442.5	0.01
(*E*)-Isoeugenol	16.13	2272.4	0.51	10.84*	1448.2	[0.67]
α-Humulene	8.98*	1611.2	[0.18]	10.84*	1448.2	[0.67]
cis-Muurola-4(15),5-diene	9.04	1616.3	0.04	10.97	1458.2	0.05
trans-Cadina-1(6),4-diene	8.98*	1611.2	[0.18]	11.13	1470.0	0.03
Germacrene D	9.47*	1651.7	[0.57]	11.21	1476.1	0.26
γ-Amorphene	9.58*	1660.2	[0.10]	11.34	1485.9	0.03
epi-Cubebol	11.67	1840.0	0.10	11.41	1491.4	0.11
α-Muurolene	9.71	1671.4	0.02	11.47	1495.8	0.05
Methyl (*E*)-isoeugenol	14.62	2118.4	0.01	11.49	1497.3	0.02
δ-Amorphene	9.64	1665.7	0.02	11.58	1503.5	0.03
γ-Cadinene	10.09*	1702.2	[1.40]	11.66*†	1510.2	[1.16]
Cubebol	12.23*	1890.1	[0.26]	11.68*†	1511.9	[0.19]
δ-Cadinene	10.09*	1702.2	[1.40]	11.79	1520.6	0.26
10-epi-Cubebol?	13.42*	2001.1	[0.03]	11.87	1526.8	0.06
(*E*)-γ-Bisabolene	10.17	1709.8	0.10	11.92	1530.2	0.14
Neryl butyrate				11.96*	1533.8	[0.11]
α-Cadinene	10.44	1732.4	0.10	11.96*	1533.8	[0.11]
(*E*)-α-Bisabolene	10.37	1726.8	tr	12.08	1543.1	0.01
α-Elemol	13.71	2028.8	0.05	12.13	1547.1	0.06
Germacrene B	10.76*	1760.0	[0.19]	12.17	1550.0	0.05
Geranyl butyrate	11.85	1856.0	0.13	12.32	1562.1	0.12
Caryophyllene oxide isomer	12.34*	1900.3	[0.11]	12.48*	1574.9	[0.41]
Caryophyllene oxide	12.42	1907.3	0.35	12.48*	1574.9	[0.41]
Humulene epoxide II	13.01	1962.4	0.06	12.82	1600.9	0.03
Selin-6-en-4α-ol isomer	14.39	2094.8	0.02	12.92	1609.8	0.02
1-epi-Cubenol	13.42*	2001.1	[0.03]	13.05	1620.2	0.01
γ-Eudesmol	14.52	2107.4	0.01	13.13	1626.5	0.02
Cubenol	13.36	1995.2	0.02	13.26	1637.4	0.03
α-Eudesmol	14.94	2150.7	0.01	13.38	1647.4	0.01
(2*Z*,6*Z*)-Farnesol	15.70	2227.7	0.04	13.62	1667.0	0.03
Farnesal isomer				14.16	1712.5	0.01
(2*E*,6*E*)-Farnesal	15.47	2203.7	0.03	14.48	1739.9	0.01
Neophytadiene	12.23*	1890.1	[0.26]	15.64	1841.9	0.03
Phytone	14.31	2086.8	0.01	15.69	1846.2	0.01
meta-Camphorene	15.03	2158.9	0.02	16.80	1949.3	0.01
Unknown LICU V [m/z 41, 69 (95), 109 (41), 95 (39), 55 (36), 121 (36)...]				17.36	2002.4	0.01

Octadecanal	16.45	2306.6	0.01	17.53	2018.8	0.01
Unknown LIMU XXI [m/z 57, 85 (55), 163 (47), 41 (44), 120 (35), 202 (30), 145 (25)... 219 (17), 304 (t)]	18.63	2549.8	0.03	18.04	2069.7	0.01
Unknown LICU IV [m/z 69, 41 (73), 55 (46), 95 (40), 109 (39), 91 (39)...]				18.08	2073.6	0.01
Benzyl (*E*)-isoeugenol				18.63	2128.9	0.01
Unknown LICU II [m/z 69, 41 (38), 151 (36), 123 (34), 82 (24), 43 (23), 109 (21)...]				18.66	2131.5	0.02
Phytol isomer I				18.72	2137.5	0.01
Unknown CYFL X [m/z 94, 43 (56), 123 (55), 69 (53), 95 (42), 79 (39)...]				19.53	2221.9	0.01
Unknown CYFL XII [m/z 123, 94 (100), 43 (86), 69 (75), 95 (47), 41 (47), 93 (45)...]				19.85	2256.1	0.01
Total reported		97.98%			99.00%	

*: 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