

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
Unknown	tr	Unknown
Hexanal	0.01	Aliphatic aldehyde
Ethyl 2-methylbutyrate	0.01	Aliphatic ester
Hexanol	0.01	Aliphatic alcohol
Hashishene	0.01	Monoterpene
Tricyclene	0.03	Monoterpene
α -Thujene	0.25	Monoterpene
α -Pinene	1.93	Monoterpene
Unknown	0.01	Simple phenolic
Camphene	0.75	Monoterpene
α -Fenchene	0.02	Monoterpene
Thuja-2,4(10)-diene	0.02	Monoterpene
Sabinene	15.83	Monoterpene
β -Pinene	4.73	Monoterpene
Octen-3-ol	0.02	Aliphatic alcohol
6-Methyl-5-hepten-2-one	0.03	Aliphatic ketone
Myrcene	2.94	Monoterpene
α -Phellandrene	4.12	Monoterpene
Pseudolimonene	0.01	Monoterpene
Δ^3 -Carene	0.03	Monoterpene
α -Terpinene	0.57	Monoterpene
para-Cymene	5.01	Monoterpene
Limonene	2.02	Monoterpene
β -Phellandrene	0.24	Monoterpene
1,8-Cineole	0.75	Monoterpenic ether
Unknown	0.01	Unknown
(Z)- β -Ocimene	0.01	Monoterpene
Butyl 2-methylbutyrate	0.01	Aliphatic ester
(E)- β -Ocimene	0.01	Monoterpene
γ -Terpinene	1.01	Monoterpene
cis-Sabinene hydrate	0.15	Monoterpenic alcohol
cis-Linalool oxide (fur.)	0.03	Monoterpenic alcohol
Octanol	0.05	Aliphatic alcohol
Terpinolene	0.39	Monoterpene
para-Cymenene	0.04	Monoterpene
trans-Sabinene hydrate	0.14	Monoterpenic alcohol
6,7-Epoxymyrcene	0.30	Monoterpenic ether
Linalool	0.12	Monoterpenic alcohol
Nonanal	0.02	Aliphatic aldehyde
2-Methylbutyl 2-methylbutyrate	0.06	Aliphatic ester
Unknown	0.13	Unknown
cis-para-Menth-2-en-1-ol	0.11	Monoterpenic alcohol
Limona ketone	0.24	Normonoterpenic ketone

Camphor	11.72	Monoterpenic ketone
Lilac aldehyde A	0.10	Monoterpenic aldehyde
α ,4-Dimethyl-3-cyclohexene-1-methanol	0.13	Normonoterpenic alcohol
Unknown	0.02	Oxygenated monoterpene
Sabinaketone	0.10	Normonoterpenic ketone
Pinocarvone	0.03	Monoterpenic ketone
(<i>E</i>)-2,6-Dimethyl-1,5,7-octatrien-3-ol	0.04	Monoterpenic alcohol
Borneol	2.29	Monoterpenic alcohol
Unknown	0.16	Oxygenated monoterpene
Terpinen-4-ol	1.28	Monoterpenic alcohol
Unknown	0.12	Unknown
meta-Cymen-8-ol	0.02	Monoterpenic alcohol
para-Cymen-8-ol	0.07	Monoterpenic alcohol
Myrtenal	0.10	Monoterpenic aldehyde
α -Terpineol	0.16	Monoterpenic alcohol
Myrtenol	0.13	Monoterpenic alcohol
<i>cis</i> - α -Phellandrene epoxide (IPP vs Me)	0.15	Monoterpenic ether
<i>trans</i> -Carveol	0.03	Monoterpenic alcohol
Unknown	0.05	Oxygenated monoterpene
(3 <i>Z</i>)-Hexenyl 2-methylbutyrate	0.01	Aliphatic ester
Hexyl 2-methylbutyrate	0.03	Aliphatic ester
Cuminal	0.15	Monoterpenic aldehyde
Carvone	0.04	Monoterpenic ketone
Carvotanacetone	0.06	Monoterpenic ketone
Piperitone	0.05	Monoterpenic ketone
Unknown	0.10	Unknown
Unknown	0.06	Unknown
Bornyl acetate	0.02	Monoterpenic ester
Thymol analogue I	0.08	Monoterpenic alcohol
Thymol	0.89	Monoterpenic alcohol
Thymol analogue II	0.04	Monoterpenic alcohol
4-Methylhexyl 2-methylbutyrate	0.08	Aliphatic ester
Carvacrol	0.06	Monoterpenic alcohol
para-Menth-5-en-1,2-diol isomer III	0.05	Monoterpenic alcohol
1,4-para-Menthadien-7-ol	0.06	Monoterpenic alcohol
α -Ylangene	0.05	Sesquiterpene
β -Patchoulene	0.10	Sesquiterpene
(<i>E</i>)- β -Damascenone	0.04	Ionone or analog
β -Elemene	0.32	Sesquiterpene
7-epi-Sesquithujene	0.03	Sesquiterpene
β -Caryophyllene	1.45	Sesquiterpene
<i>cis</i> - α -Bergamotene	0.11	Sesquiterpene
β -Copaene	0.21	Sesquiterpene
<i>trans</i> - α -Bergamotene	0.38	Sesquiterpene
Sesquisabinene A	1.48	Sesquiterpene
α -Humulene	0.25	Sesquiterpene
9-epi- β -Caryophyllene	0.08	Sesquiterpene
4,5-diepi-Aristolochene	0.10	Sesquiterpene
Germacrene D	0.95	Sesquiterpene
γ -Himachalene	0.39*	Sesquiterpene
γ -Muurolole	[0.39]*	Sesquiterpene
β -Selinene	0.35	Sesquiterpene

Bicyclogermacrene	0.28	Sesquiterpene
α -Selinene	0.11	Sesquiterpene
Germacrene A	0.18	Sesquiterpene
3,6-Dihydrochamazulene	5.81	Azulene
γ -Cadinene	0.09	Sesquiterpene
Dihydrochamazulene isomer I	1.35	Azulene
β -Sesquiphellandrene	0.47	Sesquiterpene
δ -Cadinene	0.15	Sesquiterpene
Dihydrochamazulene isomer III	0.09	Azulene
α -Elemol	0.13	Sesquiterpenic alcohol
<i>cis</i> -Sesquisabinene hydrate	0.05	Sesquiterpenic alcohol
Spathulenol	0.06	Sesquiterpenic alcohol
Caryophyllene oxide	0.44	Sesquiterpenic ether
Caryophyllene oxide isomer	0.01	Sesquiterpenic ether
5,6-Dihydrochamazulene	1.00	Azulene
Unknown	0.07	Sesquiterpene
7,12-Dehydro-5,6,7,8-tetrahydrochamazulene	1.67	Azulene
Hinesol	0.09	Sesquiterpenic alcohol
β -Eudesmol	0.65	Sesquiterpenic alcohol
α -Eudesmol	0.03	Sesquiterpenic alcohol
Dihydrochamazulene isomer IV	0.99	Azulene
Unknown	0.32	Azulene
Chamazulene	8.90	Azulene
Methyl β -costate	0.05	Sesquiterpenic ester
α -Phellandrene dimer II	0.02	Diterpene
Phytone	0.09	Terpenic ketone
meta-Camphorene	0.02	Diterpene
para-Camphorene	0.04	Diterpene
9-(15,16-Dihydro-15-methylenegeranyl)- α -terpinene	1.06	Homoditerpene
Unknown	0.13	Unknown
Unknown	0.45	Unknown
Unknown	0.07	Unknown
Unknown	0.02	Unknown
Consolidated total	91.88%	

*: Individual compounds concentration could not be found due to overlapping coelutions on columns considered
[xx]: Duplicate percentage due to coelutions, not taken into account in the consolidated total
tr: The compound has been detected below 0.005% of 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 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.