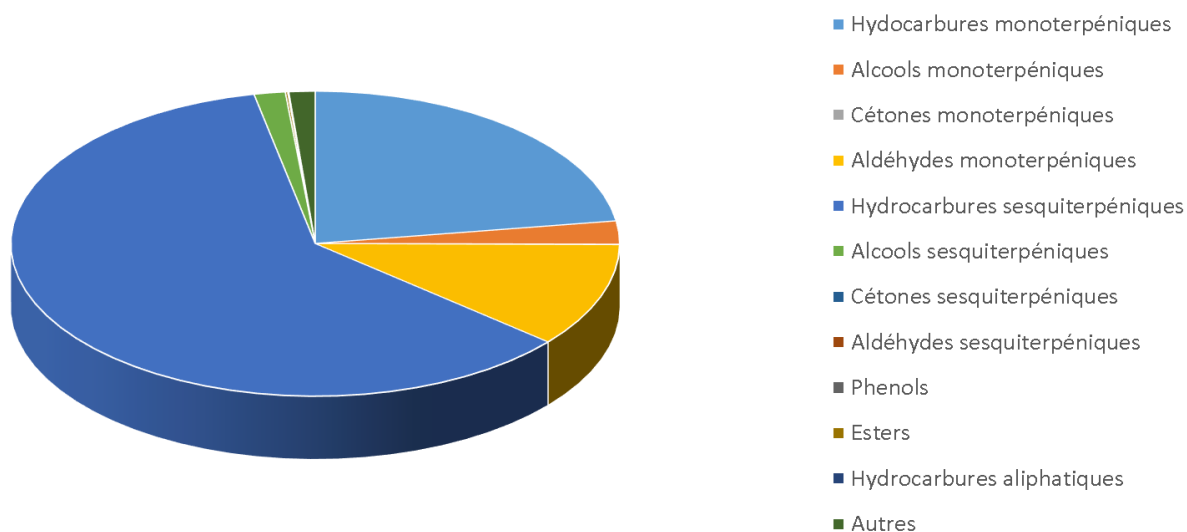


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Date : 09/01/2018
 Référence produit / Product reference : FLE115
 Huile essentielle de / Essential oil of : Gingembre / Ginger
 Numéro de lot / Lot Number : P090118MG
 Densité à 20°C (g/cm³) / Density to 20°C (g/cm³) : 0.880
 Indice de réfraction / Refractive index : 1.4886
 Pouvoir rotatoire à 20°C / Optical rotation to 20°C : -28.45°
 Mode de culture / Culture mode : Cultivé / Cultivated
 Pays / Country : Madagascar
 Date de production / Production date : 10/2017
 D.L.U. / Shelf life : 11/2022
 Mode d'extraction / Extraction mode : Distillation à la vapeur / Steam distillation
 % Bio / % Organic : 100%
 Nom Latin / Latin Name : Zingiber Officinale
 Parties utilisées / Used Parts : Rhizome / Rhizome



Molécule	%
ETHANOL	0.05
TRICYCLEN	0.15
ALPHA-PINENE	2.54
ALPHA-THUJENE	0.05
ALPHA-FENCHENE	0.01
CAMPHENE	7.72
HEXANAL	0.01
BETA-PINENE	0.32
SABINENE	0.08
MENTHATRIENE ISOMERE	0.01
DELTA-3-CARENE	0.03
BETA-MYRCENE	1.04
ALPHA-PHELLANDRENE	0.29
PSI-LIMONENE *	0.02
ALPHA-TERPINENE	0.04
LIMONENE *	1.4
BETA-PHELLANDRENE	6.93
CIS-BETA-OCIMENE	0.01
GAMMA-TERPINENE	0.03
TRANS-BETA-OCIMENE	0.01
ACETATE DE 2-HEPTANOL	0.03
META-CYMENE	0.02
PARA-CYMENE	0.05
TERPINOLENE	0.23
OCTANAL	0.04
4,8-DIMETHYL-1,3,7-NONATRIENE	0.05
2-HEPTANOL	0.06
6-METHYL-5-HEPTENE-2-ONE	0.19
2-NONANONE	0.06
GALBANOLENE	0.03
PERILLENE	0.02
2-OCTENAL	0.04
BICYCLOELEMENE	0.02
GAMMA-ELEMENE	0.09
CITRONELLAL	0.03
CYCLOSATIVENE	0.25

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ISOLEDENE	0.05
ALPHA-COPAENE	0.37
CAMPHRE	0.03
2-NONANOL	0.06
BERGAMOTENE ISOMERE	0.07
BETA-1-CUBEENE	0.06
LINALOL *	0.28
ALPHA-CIS-BERGAMOTENE	0.21
EPSILON-CADINENE	0.06
ACETATE DE BORNYLE	0.12
ALPHA-TRANS-BERGAMOTENE	0.09
BETA-ELEMENE	0.7
BETA-CARYOPHYLLENE	0.12
TERPINENE-4-OL	0.07
2-UNDECANONE	0.17
GURJUNENE ISOMERE	0.07
MYRTENAL	0.02
GERMACRENE A	0.02
ALLO-AROMADENDRENE	0.17
FARNESENE ISOMERE	0.66
(E)-BETA-FARNESENE	0.54
NERAL *	2.41
(Z)-BETA-FARNESENE	0.21
GAMMA-MUUROLENE	1.130
ALPHA-TERPINEOL	1.54
GERMACRENE D	2.15
MUUROLENE ISOMERE	1.24
ALPHA-ZINGIBERENE	28.31
GERANIAL *	7.87
(E,E)-ALPHA-FARNESENE	5.45
GAMMA-CADINENE	0.03
7-EPI-ALPHA-SELINENE	0.15
BETA-SESQUIPHELLANDRENE + ALPHA-CURCUMENE	13.83
NEROL	0.02
GERMACRENE B	0.51
CALAMENENE	0.04
SESQUITERPENE	1.06



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GERANIOL *	0.36
2-DODECENAL	0.03
EPI-CUBEBOL	0.05
CUBEBOL	0.05
HYDRATE DE SESQUISABINENE	0.14
NEROLIDOL	0.47
GERMACRA-1,5-DIEN-4-OL	0.03
EPI-CUBENOL	0.02
CUBENOL	0.02
ELEMOL	0.31
HYDRATE DE 7-EPISESQUISABINENE	0.24
10-EPI-GAMMA-EUDESOL	0.12
BETA-SESQUIPHELLANDROL	0.59
BETA-BISABOLOL	0.1
EPOXYDE SESQUITERPENIQUE	0.84
GAMMA-EUDESOL	0.09
SESQUIPHELLANDRENOL ISOMERE	0.46
ALPHA-MUUROLOL	0.06
DELTA-CADINOL	0.02
CIS-ALPHA-BISABOLOL	0.07
ALPHA-BISABOLOL	0.11
ALPHA-EUDESOL	0.02
BETA-EUDESOL	0.46
ALPHA-CADINOL	0.06
ZINGIBERENONE	0.03
ZINGIBERENOL	0.19
SESQUITERPENONE Mw=218	0.17
SESQUITERPENOL	1.450
FERANYL-ALPHA-TERPINENE	0.03
XANTHORRHIZOL	0.03
ACORENONE	0.02
ZINGERONE	0.07
Total	98.55

* = Substance(s) allergène(s) / allergen(s)

** = Substance(s) classée(s) CMR / Substance(s) classified as CMR



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FLORIHANA

