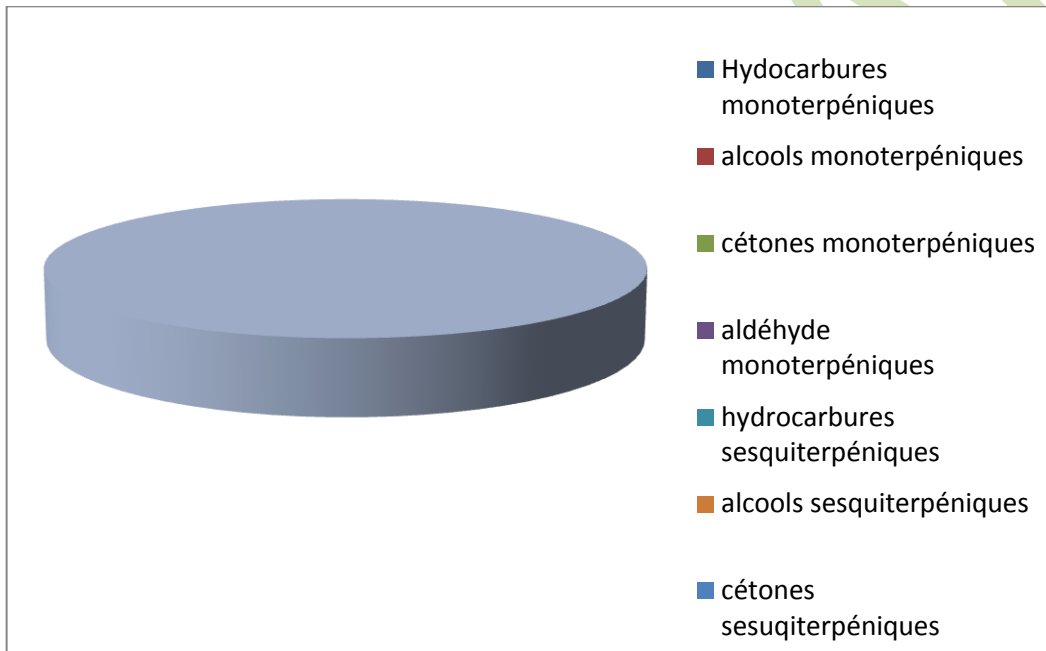


Date	:	11/07/2011
Huile essentielle de / Essential oil of	:	Menthe Spicata / Spearmint
Numéro de lot / Lot Number	:	FLE122C040211SL
Densité à 20°C (g/cm <sup>3</sup> ) / Density to 20°C (g/cm <sup>3</sup> )	:	0.874
Indice de réfraction / Refractive index	:	1.488
Pouvoir rotatoire à 20°C / Optical rotation to 20°C	:	-16
Mode de culture / Culture mode	:	Cultivé / Cultivated
Pays / Country	:	Maroc / Morocco
Année de production / Production year	:	2011
Mode d'extraction / Extraction mode	:	Distillation à la vapeur / Steam distillation
% Bio / % Organic	:	100% Bio / 100% Organic
Nom Latin / Latin Name	:	Mentha Spicata
Parties utilisées / Used Parts	:	Plante / Plant



Molécule	%
acetone	0.01
tricyclene	0.01
alpha pinene	14.3
alpha thuyene	1.33
alpha fenchene	0.01
camphene	0.39
beta pinene	10.2
sabinene	13
pinadiene	0.01
delta 3 carene	7.19
beta myrcene	2.06
alpha phellandrene	1.17
psi limonene	0.02
o cymene	0.01
alpha terpinene	0.19
isosylvestrene	0.02
limonene	13.9
beta phellandrene	2.22
1.8 cineole	0.03
cis beta ocimene	0.03

Molécule	%
terpinene ni	0.02
gamma terpinene	0.36
trans beta ocimene	0.23
m cymene	0.03
para cymene	0.68
isoterpinolene	0.1
terpinolene	0.37
alpha p dimethylstyrene	0.02
alpha cubebene	0.22
trans thuyanol	0.22
elemene isomere	0.06
delta elemene	1.22
cyclosativene	0.1
alpha copaene	2.9
epoxyde terpenique	0.01
alpha gurjunene	0.09
linalol	0.39
beta 1 cubebene	0.22
cis thuyanol	0.15

Molécule	%
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trans p menth 2 en 1 ol	0.05
pinocarvone	0.02
epsilon cadinene	0.05
sesquiterpene	0.01
alpha guaiene	0.07
beta elemene	0.34
beta cubebene	0.1
terpinen 4 ol	1.01
beta caryophyllene	16.5
aromadendrene	0.03
cis p menth 2 en 1 ol	0.05
cadina 3,5 diene	0.06
myrtenal	0.02
allo aromadendrene	0.03
trans pinocarveol	0.03
E beta farnesene	0.1
zonarene	0.04
sesquiterpene	0.06
alpha humulene	0.93
gamma selinene	0.02

Molécule	%
cryptone	0.04
gamma muurolene	0.11
alpha terpineol	0.1
calarene isomere	0.04
ledene	0.07
gurjunene isomere	0.16
menthadienol isomere	0.03
germacrene D	0.34
alpha zingiberene	0.06
cubebene	0.08
beta bisabolene	0.8
alpha muurolene	0.3
beta selinene	0.15
alpha selinene	0.13
bicyclogermacrene	0.29
alpha farnesene	0.05
acetate de geranyle	0.01
farnesene isomere	0.01
delta cadinene	1.2
gamma cadinene	0.03

Molécule	%
cis alpha bisabolene	0.06
cadina 1,4 diene	0.08
nerol	0.01
cis sabinol	0.04
trans carveol	0.03
calamenene	0.14
para cymene 8 ol	0.03
cis carveol	0.01
epi cubebol	0.1
sesquiterpenol	0.01
calacorene	0.03
epoxyde sesquiterpenique	0.1
cubebol	0.17
oxyde d'isocaryophyllene	0.13
oxyde de caryophyllene	0.7
methyl eugenol	0.02
nerolidol	0.1
epoxy 6,7 humulene	0.04

Molécule	%
epi cubenol	0.02
cubenol	0.05
elemol	0.01
sesquiterpenol	0.09
viridiflorol	0.01
spathulenol	0.12
eugenol	0.03
elemol isomere	0.05
alpha muurolol	0.06
cadinol isomere	0.28
isopathulenol	0.13
caryophylla 3.7 dien 6 ol	0.03
<b>Total</b>	<b>99.690</b>