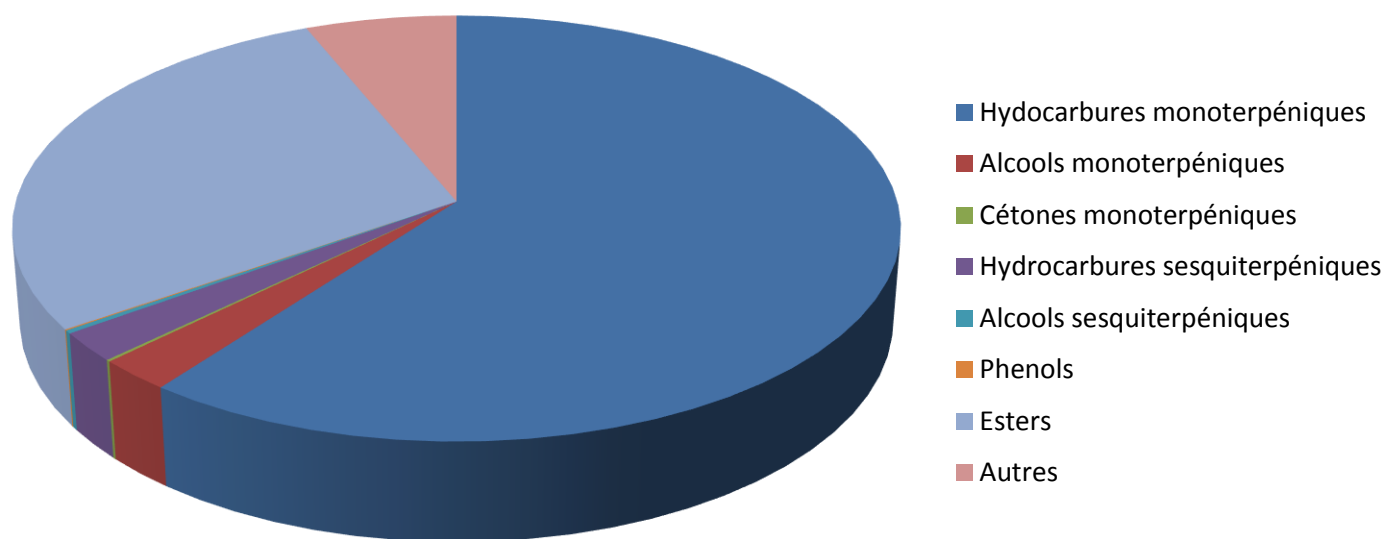
 JE INTERNATIONAL	ENREGISTREMENT DES BULLETINS ANALYTIQUES : CHROMATOGRAPHIE ESSENTIAL OIL CHROMATOGRAPHY SHEET RECORDS	FORM-LAB005-B	Page 1 sur 5
		Date d'entrée en vigueur / taking effect : 10/06/2011	

Date	:	13/03/2015
Référence produit / Product reference	:	FLE135
Huile essentielle de / Essential oil of	:	Épinette Noire / Black Spruce
Numéro de lot / Lot Number	:	P050115CA
Densité à 20°C (g/cm ³) / Density to 20°C (g/cm ³)	:	0.909
Indice de réfraction / Refractive index	:	1.4698
Pouvoir rotatoire à 20°C / Optical rotation to 20°C	:	-30.5°
Mode de culture / Culture mode	:	Cultivé / Cultivated
Pays / Country	:	Canada
Date de production / Production date	:	2015
D.L.U. / Shelf life	:	2020
Mode d'extraction / Extraction mode	:	Distillation à la vapeur / Steam distillation
% Bio / % Organic	:	100% Bio / 100% Organic
Nom Latin / Latin Name	:	Picea Mariana
Parties utilisées / Used Parts	:	Aiguilles / Needles



Molécule	%
ACETONE	0.050
SANTENE	3.390
TRICYCLEN	2.03
ALPHA-PINENE	14.820
ALPHA-THUYENE	0.1
ALPHA-FENCHENE	0.09
CAMPHENE	18.710
BETA-PINENE	3.740
SABINENE	0.18
DELTA-3-CARENE	7.490
BETA-MYRCENE	3.66000
ALPHA-PHELLANDRENE	0.45000
ALPHA-TERPINENE	0.28000
LIMONENE *	3.46000
BETA-PHELLANDRENE	1.18000
EUCALYPTOL	0.58000
GAMMA-TERPINENE	0.24000
PARA-CYMENE	0.20000
TERPINOLENE	1.09000
PINOL	0.06000
CAMPHOLENE ALDEHYDE ISOMERE	0.08000



Molécule	%
3-HEXEN-1-OL	0.06000
FENCHONE	0.15000
ALPHA-THUYONE	0.31000
ALPHA-PARA-DIMETHYLSTYRENE	0.09000
BETA-THUYONE	0.06000
ACETATE DE FENCHYLE	0.34000
CITRONELLAL	0.07000
ALPHA-CAMPHOLENE ALDEHYDE	0.13000
ALPHA-COPAENE	0.05000
CAMPBRE	0.13000
LINALOL *	0.28000
ACETATE DE BORNYLE	26.53000
ACETATE D'ISOBORNYLE	0.82000
METHYL THYMOL ETHER	0.07000
HYDRATE DE CAMPHENE	0.48000
TERPINEN-4-OL	0.42000
BETA-CARYOPHYLLENE	0.23000
ACETATE DE THUYENYLE	0.17000
CIS-PARA-MENTH-2-EN-1-OL	0.08000
ACETATE ALIPHATIQUE	0.05000
ACETATE DE THUYENYLE ISOMERE	0.26000



Molécule	%
ACETATE DE SABINYLE ISOMERE	0.16000
ACETATE DE VERBENYLE	0.28000
TRANS-PINOCARVEOL	0.06000
ACETATE DE CITRONELLYLE	0.10000
ZONARENE	0.09000
ISOBORNEOL	0.08000
ALPHA-HUMULENE	0.08000
CIS-4,5-MUUROLADIENE	0.05000
ACETATE DE TERPINEN-4-YLE	0.13000
ACETATE DE MYRTENYLE	0.07000
GAMMA-MUUROLENE	0.10000
ALPHA-TERPINEOL	0.65000
ACETATE DE TERPENYLE	0.15000
BORNEOL	0.76000
GERMACRENE D	0.12000
ALPHA-MUUROLENE + ACETATE D'EXO-2-HYDROXYCINEOLE	0.34000
ACETATE DE TRANS-CARVYLE	0.15000
ACETATE DE GERANYLE	0.21000
CITRONELLOL *	0.11000
DELTA-CADINENE	1.02000
GAMMA-CADINENE	0.25000



Molécule	%
ALPHA-BISABOLENE	0.13000
CAMPHOLENOL	0.10000
ALPHA-AMORPHENE	0.08000
TRANS-CARVEOL	0.08000
CALAMENENE	0.07000
T-CADINOL	0.07000
ALPHA-MUUROLOL	0.07000
ALPHA-CADINOL	0.17000
Total	98.39000

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

