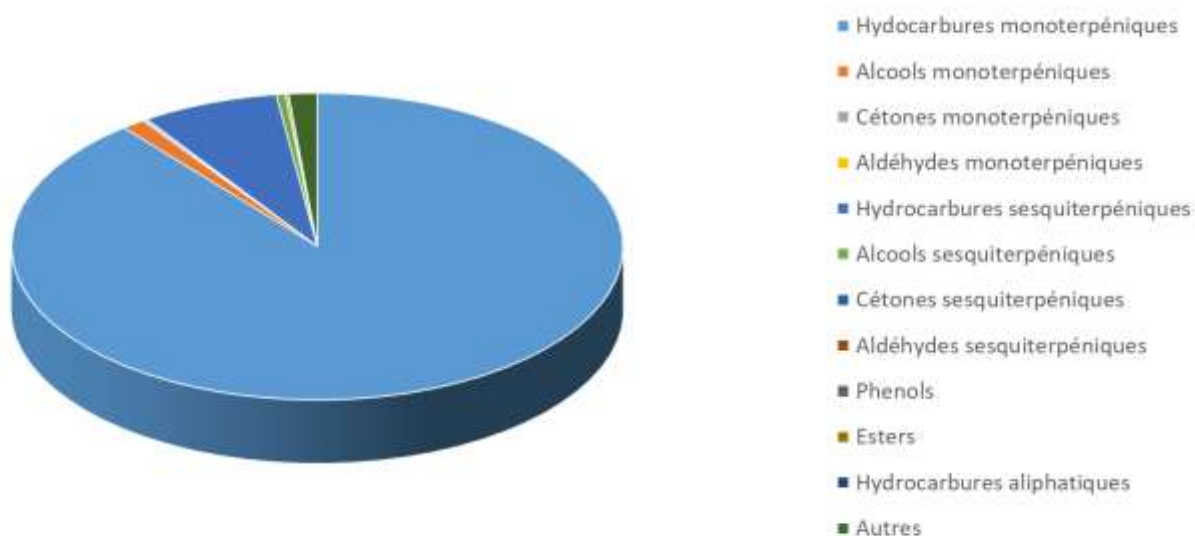


 FLORIHANA JE INTERNATIONAL	ENREGISTREMENT DES BULLETINS ANALYTIQUES : CHROMATOGRAPHIE ESSENTIAL OIL CHROMATOGRAPHY SHEET RECORDS	7-2-ENR-005 v3	Page 1 sur 4
		Date d'application : 01/01/2013	
		Date de révision : 15/04/2022	

Date : 13/04/2026
 Référence produit / Product reference : FLE071
 Huile essentielle de / Essential oil of : Pin Sylvestre / Scots Pine
 Numéro de lot / Lot Number : A040326F
 Densité à 20°C (g/cm³) / Density to 20°C (g/cm³) : 0.8655
 Indice de réfraction / Refractive index : 1.473
 Pouvoir rotatoire à 20°C / Optical rotation to 20°C : -12.78°
 Mode de culture / Culture mode : Sauvage / Wild
 Pays / Country : France
 Date de production / Production date : 02/2026
 D.L.U. / Shelf life : 03/2031
 Mode d'extraction / Extraction mode : Distillation à la vapeur / Steam distillation
 % Bio / % Organic : 100%
 Nom Latin / Latin Name : Pinus Sylvestris
 Parties utilisées / Used Parts : Aiguilles / Needles



Molécule	%
TRICYCLEN	0.410
ALPHA-THUJENE	0.090
ALPHA-PINENE	50.330
BETA-PINENE	24.000
FENCHENE	0.050
CAMPHENE	2.200
CAMPHE	0.080
THUJA-2,4(10)-DIENE	0.050
SABINENE	0.420
BETA-MYRCENE	4.290
ALPHA-PHELLANDRENE	0.060
BETA-PHELLANDRENE	0.950
DELTA-3-CARENE	1.990
ALPHA-TERPINENE	0.070
TERPINOLENE	0.510
TERPINENE-4-OL	0.180
ALPHA-TERPINEOL	0.740
ACETATE D'ALPHA-TERPINYLE	0.050
PARA-CYMENE	0.080
LIMONENE *	3.310
1,8-CINEOLE (EUCALYPTOL)	0.010
CIS-BETA-OCIMENE	0.040
TRANS-BETA-OCIMENE	0.500
GAMMA-TERPINENE	0.120
LINALOL *	0.020
NONANAL	0.010
ENDO-FENCHOL	0.060
ALPHA-CAMPHOLENAL	0.050
HYDRATE DE CAMPHENE	0.030
TRANS-PINOCAMPHONE	0.080
CIS-PINOCAMPHONE	0.050
TRANS-PINOCARVEOL	0.130
PINOCARVONE	0.040
PARA-MENTHA-1,5-DIEN-8-OL	0.020
BORNEOL	0.080
ESTRAGOLE **	0.070



VERBENONE	0.020
ACETATE DE LINALYLE*	0.010
ACETATE DE BORNYLE	0.080
2-UNDECANONE	0.020
BICYCLOELEMENE	0.060
DELTA-ELEMENE	0.010
BETA-ELEMENE	0.160
ALPHA-CUBEBENE	0.060
BETA-CUBEBENE	0.020
ALPHA-LONGIPINENE	0.020
ALPHA-YLANGENE	0.020
BETA-YLANGENE	0.080
ALPHA-COPAENE	0.090
BETA-COPAENE	0.060
BETA-BOURBONENE	0.030
LONGIFOLENE	0.150
BETA-CARYOPHYLLENE*	1.760
ALPHA-CARYOPHYLLENE	0.310
OXYDE DE CARYOPHYLLENE	0.070
CIS-THUJOPSENE	0.310
BETA-CEDRENE	0.040
TRANS-BETA-FARNESENE	0.030
CIS-MUUROLA-3,5-DIENE	0.030
TRANS-MUUROLA-4(14),5-DIENE	0.090
GAMMA-MUUROLENE	0.260
EPI-ALPHA-MUUROLOL	0.070
ALPHA-MUUROLOL	0.020
TRANS-CADINA-1,(6)4-DIENE	0.040
TRANS-CADINA-1,(6)4-DIENE	0.470
DELTA-CADINENE	1.130
TRANS-CADINA-1,4-DIENE	0.030
ALPHA-CADINENE	0.060
EPI-ALPHA-CADINOL	0.070
ALPHA-CADINOL	0.090
ALPHA-AMORPHENE	0.020
GERMACRENE D	1.200
BETA-SELINENE	0.200



DELTA-AMORPHENE	0.040
BETA-DIHYDROAGAROFURANE	0.030
CUPARENE	0.040
SPATHULENOL	0.120
1-EPI-CUBENOL	0.020
ALPHA-BISABOOL	0.010
SANDARACOPIMARADIENE	0.030
SANDARACOPIMARINIAL	0.050
Total	98.700

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

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

