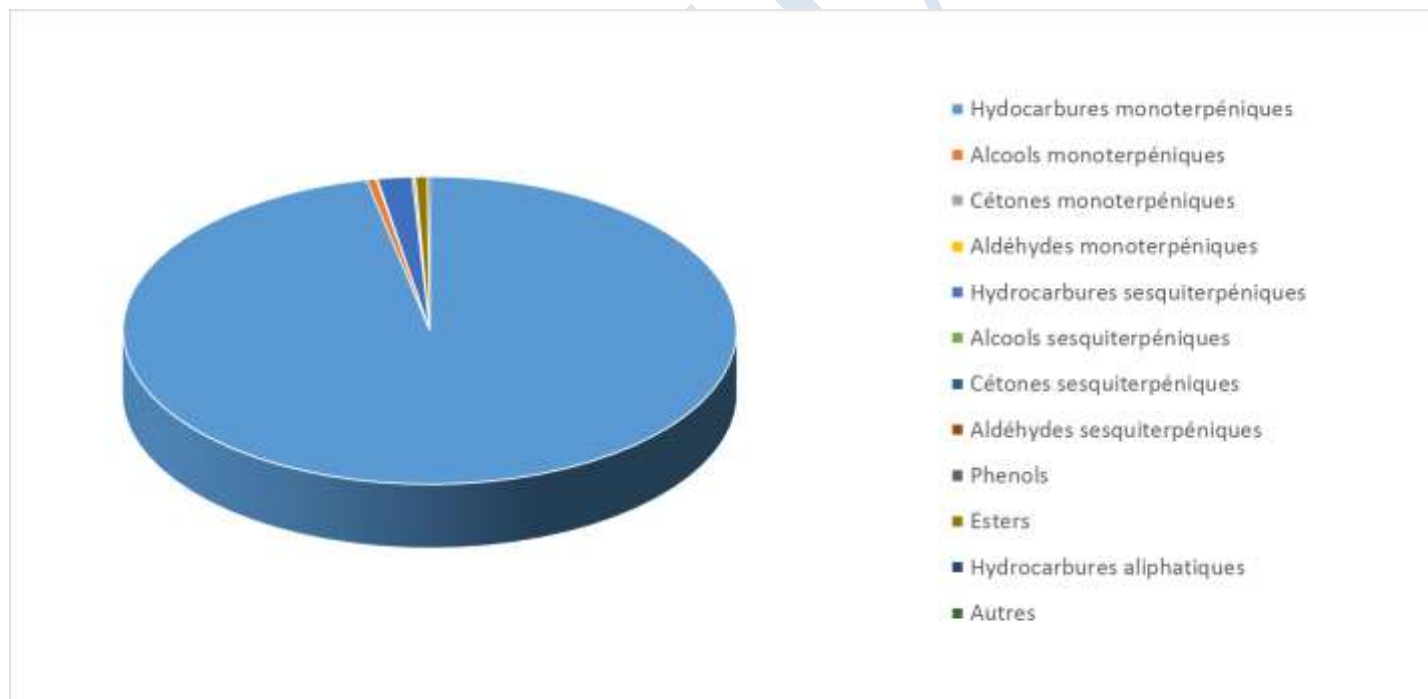


|  |   |                                 |              |
|--|---|---------------------------------|--------------|
|  <b>FLORIHANA</b><br>JE INTERNATIONAL | <b>ENREGISTREMENT DES BULLETINS<br/>         ANALYTIQUES : CHROMATOGRAPHIE<br/>         ESSENTIAL OIL CHROMATOGRAPHY<br/>         SHEET RECORDS</b> | 7-2-ENR-005 v3                  | Page 1 sur 3 |
|  |   | Date d'application : 01/01/2013 |              |
|  |   | Date de révision : 15/04/2022   |              |

Date : 27/07/2022  
 Référence produit / Product reference : FLE004  
 Huile essentielle de / Essential oil of : Angélique / Angelica Root  
 Numéro de lot / Lot Number : B260722F  
 Densité à 20°C (g/cm<sup>3</sup>) / Density to 20°C (g/cm<sup>3</sup>) : 0.853  
 Indice de réfraction / Refractive index : 1.47481  
 Pouvoir rotatoire à 20°C / Optical rotation to 20°C : 9.12°  
 Mode de culture / Culture mode : Cultivé / Cultivated  
 Pays / Country : France  
 Date de production / Production date : 07/2022  
 D.L.U. / Shelf life : 08/2027  
 Mode d'extraction / Extraction mode : Distillation à la vapeur / Steam distillation  
 % Bio / % Organic : 100%  
 Nom Latin / Latin Name : Angelica Archangelica  
 Parties utilisées / Used Parts : Racines / Roots



| <b>Molécule</b>            | <b>%</b> |
|----------------------------|----------|
| TRICYCLENE                 | 0.021    |
| ALPHA-THUJENE              | 0.731    |
| ALPHA-PINENE               | 25.808   |
| BETA-PINENE                | 1.316    |
| ALPHA-FENCHENE             | 0.022    |
| CAMPHENE                   | 1.439    |
| THUJA-2,4(10)-DIENE        | 0.241    |
| SABINENE                   | 4.376    |
| MYRCENE                    | 5.463    |
| DELTA-2-CARENE             | 0.166    |
| ISOSYLVESTRENE             | 0.061    |
| ALPHA-PHELLANDRENE         | 7.435    |
| BETA-PHELLANDRENE          | 11.711   |
| DELTA-3-CARENE             | 16.712   |
| ALPHA-TERPINENE            | 0.519    |
| GAMMA-TERPINENE            | 1.024    |
| TERPINOLENE                | 1.763    |
| ORTHO-CYMENE               | 0.049    |
| SYLVESTRENE                | 0.240    |
| PARA-CYMENE                | 0.748    |
| <b>LIMONENE *</b>          | 7.704    |
| TRANS-BETA-OCIMENE         | 5.967    |
| CIS-BETA-OCIMENE           | 1.06     |
| 5-TRANS-UNDECENE           | 0.008    |
| PARA-CYMNENE               | 0.015    |
| 6-CAMPHENONE               | 0.021    |
| ALLO-OCIMENE               | 0.163    |
| PENTYL-CYCLOHEXA-1.3-DIENE | 0.035    |
| 1,3,5-UNDECATRIENE         | 0.108    |
| PARA-MENTHA-1,5-DIENE-8-OL | 0.13     |
| TERPINENE-4-OL             | 0.348    |
| ALPHA-TERPINEOL            | 0.016    |
| CRYPTONE                   | 0.015    |
| MYRTENAL                   | 0.045    |
| ACETATE DE BORNYLE         | 0.565    |
| ALPHA-YLANGENE             | 0.075    |

|                      |               |
|----------------------|---------------|
| ALPHA-COPAENE        | 0.345         |
| BETA-COPAENE         | 0.063         |
| BETA-ELEMENE         | 0.072         |
| GAMMA-ELEMENE        | 0.068         |
| BETA-CARYOPHYLLENE   | 0.070         |
| ALPHA-CARYOPHYLLENE  | 0.291         |
| TRANS-BETA-FARNESENE | 0.048         |
| BETA-BARBATENE       | 0.042         |
| GERMACRENE D         | 0.147         |
| GERMACRENE B         | 0.03          |
| ALPHA-ZINGIBERENE    | 0.026         |
| ALPHA-MUUROLENE      | 0.125         |
| BETA-BISABOLENE      | 0.033         |
| DELTA-CADINENE       | 0.073         |
| ELEMOL               | 0.089         |
| TRIDECANOLIDE        | 0.226         |
| ALPHA-CADINOL        | 0.009         |
| ALPHA-EUDESOL        | 0.034         |
| BISABOLONE           | 0.040         |
| CYCLOPENTADECANOLIDE | 0.208         |
| OSTHOLE              | 0.118         |
| <b>Total</b>         | <b>98.277</b> |

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

