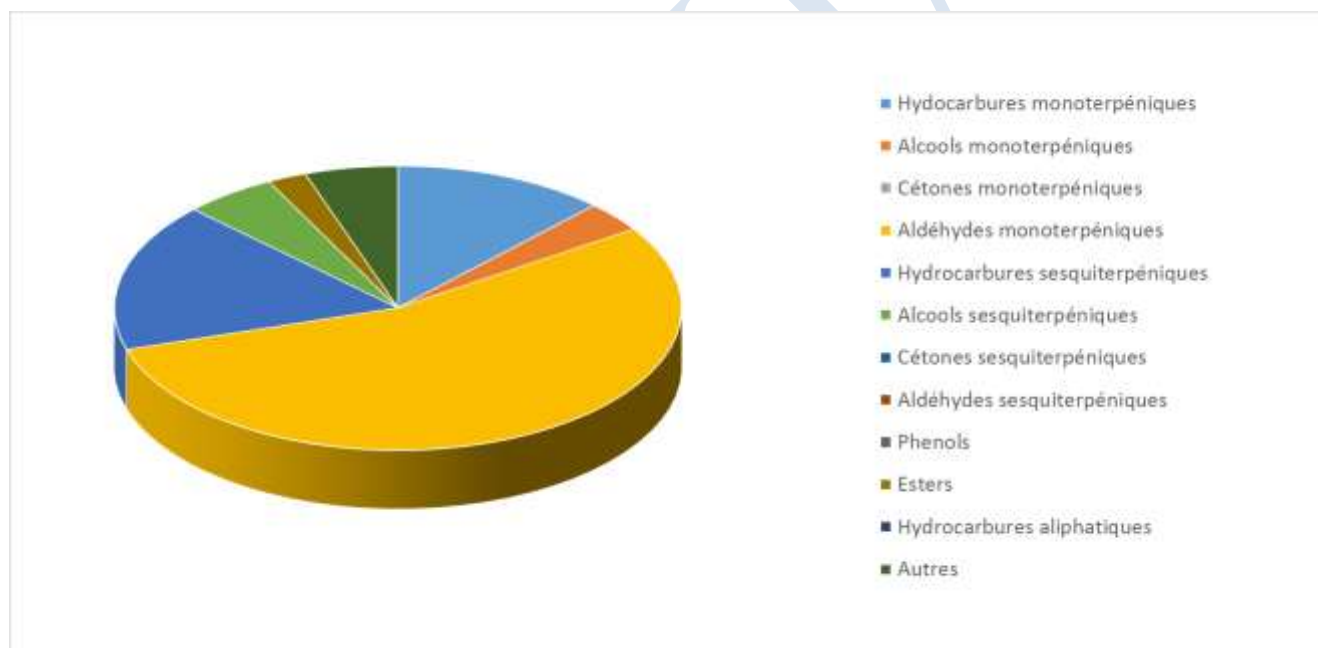


|  |   |                                 |              |
|--|---|---------------------------------|--------------|
|  <b>FLORIHANA</b><br>JE INTERNATIONAL | <b>ENREGISTREMENT DES BULLETINS<br/>         ANALYTIQUES : CHROMATOGRAPHIE<br/>         ESSENTIAL OIL CHROMATOGRAPHY<br/>         SHEET RECORDS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

Date : 28/08/2023  
 Référence produit / Product reference : FLE097  
 Huile essentielle de / Essential oil of : Verveine de Grasse / Lemon Verbena  
 Numéro de lot / Lot Number : 080823F  
 Densité à 20°C (g/cm<sup>3</sup>) / Density to 20°C (g/cm<sup>3</sup>) : 0.8962  
 Indice de réfraction / Refractive index : 1.48704  
 Pouvoir rotatoire à 20°C / Optical rotation to 20°C : -11.83°  
 Mode de culture / Culture mode : Cultivé / Cultivated  
 Pays / Country : France  
 Date de production / Production date : 08/2023  
 D.L.U. / Shelf life : 09/2028  
 Mode d'extraction / Extraction mode : Distillation à la vapeur / Steam distillation  
 % Bio / % Organic : 100%  
 Nom Latin / Latin Name : Lippia Citriodora  
 Parties utilisées / Used Parts : Feuilles / Leaves



| <b>Molécule</b>                 | <b>%</b> |
|---------------------------------|----------|
| 2-METHYL-BUTANOATE DE METHYLE   | 0.031    |
| ALPHA-THUJENE                   | 0.040    |
| <b>ALPHA-PINENE</b>             | 0.346    |
| <b>BETA-PINENE</b>              | 0.057    |
| THUJA-2,4(10)-DIENE             | 0.007    |
| SABINENE                        | 1.175    |
| 1-OCTEN-3-OL                    | 0.077    |
| 6-METHYL-5-HEPTENE-2-ONE        | 0.266    |
| BETA-MYRCENE                    | 0.214    |
| ACETATE DE CIS-3-HEXENYLE       | 0.092    |
| PARA-CYMENE                     | 0.019    |
| <b>LIMONENE *</b>               | 6.859    |
| BETA-PHELLANDRENE               | 0.017    |
| 1,8-CINEOLE (EUCALYPTOL)        | 1.167    |
| CIS-BETA-OCIMENE                | 0.126    |
| TRANS-BETA-OCIMENE              | 2.057    |
| MELONAL                         | 0.014    |
| GAMMA-TERPINENE                 | 0.014    |
| <b>TERPINOLENE</b>              | 0.018    |
| CIS-HYDRATE DE SABINENE         | 0.133    |
| ROSEFURANE                      | 0.060    |
| PERYLENE                        | 0.047    |
| <b>LINALOL *</b>                | 0.431    |
| PHOTO-CITRAL B                  | 0.208    |
| EPI-PHOTO-CITRAL A              | 0.219    |
| PHOTO-CITRAL A                  | 0.641    |
| TRANS-ISOCITRAL                 | 1.163    |
| CIS-ISOCITRAL                   | 0.913    |
| TRANS-PARA-MENTHA-2,8-DIEN-1-OL | 0.049    |
| CIS-OXYDE DE LIMONENE           | 0.055    |
| CIS-PARA-MENTHA-2,8-DIENE-1-OL  | 0.029    |
| CITRONELLAL                     | 0.248    |
| ROSE-FURAN EPOXYDE              | 0.063    |
| DELTA-TERPINEOL                 | 0.030    |
| <b>ALPHA-TERPINEOL</b>          | 0.291    |
| TERPINENE-4-OL                  | 0.041    |



|                            |               |
|----------------------------|---------------|
| NEROL                      | 1.104         |
| <b>NERAL *</b>             | 21.683        |
| <b>ACETATE DE LINALYLE</b> | 0.134         |
| <b>GERANIOL *</b>          | 1.285         |
| <b>GERANIAL *</b>          | 30.619        |
| ACETATE DE GERANYLE        | 1.712         |
| ACIDE GERANIQUE            | 0.238         |
| CYCLOSATIVENE              | 0.029         |
| BICYCLOELEMENE             | 0.270         |
| ALPHA-COPAENE              | 0.337         |
| BETA-BOURBONENE            | 0.279         |
| BETA-ELEMENE               | 0.116         |
| SESQUITHUJENE              | 0.056         |
| ALPHA-CEDRENE              | 0.298         |
| BETA-CEDRENE               | 0.172         |
| <b>BETA-CARYOPHYLLENE</b>  | 5.059         |
| ALPHA-CARYOPHYLLENE        | 0.403         |
| OXYDE DE CARYOPHYLLENE     | 2.794         |
| BETA-COPAENE               | 0.086         |
| TRANS-BETA-FARNESENE       | 0.077         |
| ALLO-AROMADENDRENE         | 0.364         |
| PROPANOATE DE GERANYLE     | 0.262         |
| Ar-CURCUMENE               | 3.138         |
| BETA-CURCUMENE             | 1.012         |
| GERMACRENE D               | 2.553         |
| BICYCLOGERMACRENE          | 1.414         |
| ALPHA-ZINGIBERENE          | 0.692         |
| GAMMA-CADINENE             | 0.096         |
| DELTA-CADINENE             | 0.427         |
| ALPHA-CADINENE             | 0.043         |
| TRANS-NEROLIDOL            | 0.946         |
| SPATHULENOL                | 1.125         |
| HUMULENE EPOXYDE II        | 0.243         |
| EPI-ALPHA-CADINOL          | 0.413         |
| <b>Total</b>               | <b>96.696</b> |

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



|  |   |                                 |              |
|--|---|---------------------------------|--------------|
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|  |   | Date d'application : 01/01/2013 |              |
|  |   | Date de révision : 15/04/2022   |              |

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

FLORIHANA

