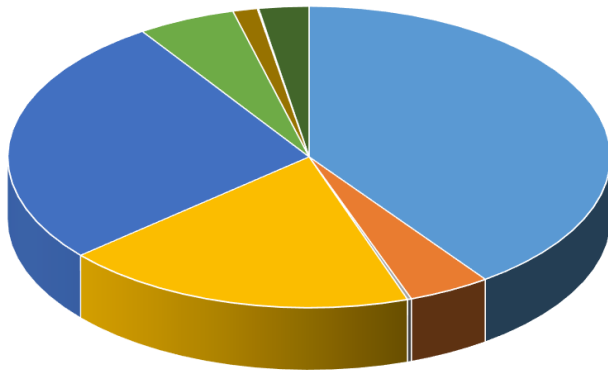




Date : 02/11/2021
 Référence produit / Product reference : FLE094
 Huile essentielle de / Essential oil of : Verveine odorante / Lemon Verbena
 Numéro de lot / Lot Number : H021121MA
 Densité à 20°C (g/cm³) / Density to 20°C (g/cm³) : 0.8918
 Indice de réfraction / Refractive index : 1.48224
 Pouvoir rotatoire à 20°C / Optical rotation to 20°C : -24.28°
 Mode de culture / Culture mode : Cultivé / Cultivated
 Pays / Country : Maroc / Morocco
 Date de production / Production date : 08/2021
 D.L.U. / Shelf life : 09/2026
 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



- Hydrocarbures monoterpéniques
- Alcools monoterpéniques
- Cétones monoterpéniques
- Aldéhydes monoterpéniques
- Hydrocarbures sesquiterpéniques
- Alcools sesquiterpéniques
- Cétones sesquiterpéniques
- Aldéhydes sesquiterpéniques
- Phénols
- Esters
- Hydrocarbures aliphatiques
- Autres






| Molécule | % |
|-------------------------------|--------|
| 2-METHYL-BUTANOATE DE METHYLE | 0.243 |
| ALPHA-THUJENE | 0.143 |
| ALPHA-PINENE | 1.264 |
| BETA-PINENE | 0.178 |
| CAMPHENE | 0.016 |
| SABINENE | 2.935 |
| 1-OCTEN-3-OL | 0.034 |
| 6-METHYL-5-HEPTENE-2-ONE | 2.266 |
| BETA-MYRCENE | 0.349 |
| DEHYDRO-1,8-CINEOLE | 0.058 |
| 1,8-CINEOLE (EUCALYPTOL) | 6.942 |
| ACETATE DE 3-CIS-HEXENYLE | 0.072 |
| ALPHA-TERPINENE | 0.076 |
| GAMMA-TERPINENE | 0.137 |
| TERPINOLENE | 0.046 |
| PARA-CYMENE | 0.088 |
| LIMONENE * | 22.104 |
| TRANS-BETA-OCIMENE | 2.900 |
| BERGAMAL | 0.031 |
| CIS-HYDRATE DE SABINENE | 0.352 |
| TRANS-HYDRATE DE SABINENE | 0.046 |
| ROSEFURANE | 0.089 |
| PERYLENE | 0.047 |
| LINALOL * | 0.319 |
| NONANAL | 0.03 |
| PHOTO-CITRAL B | 0.227 |
| EPI-PHOTO-CITRAL A | 0.43 |
| PHOTO-CITRAL A | 0.84 |
| TRANS-ISOCITRAL | 0.296 |
| CIS-ISOCITRAL | 0.457 |
| ROSEFURANE | 0.109 |
| DELTA-TERPINEOL | 0.12 |
| TERPINENE-4-OL | 0.303 |
| ALPHA-TERPINEOL | 1.242 |
| PARA-CYMENE-9-OL | 0.065 |
| NEROL | 0.936 |





| | |
|-------------------------|---------------|
| NERAL * | 7.377 |
| GERANIOL * | 0.726 |
| GERANIAL * | 9.497 |
| PIPERITENONE | 0.202 |
| BICYCLOELEMENE | 0.294 |
| BETA-ELEMENE | 0.242 |
| ALPHA-CUBEBENE | 0.009 |
| ACETATE DE CITRONELLYLE | 0.110 |
| ACETATE DE GERANYLE | 0.803 |
| ALPHA-COPAENE | 0.799 |
| BETA-BOURBONENE | 0.89 |
| SESQUITHUJENE | 0.126 |
| ALPHA-CEDRENE | 0.535 |
| ACORA-(3,5)-DIENE | 0.075 |
| BETA-CARYOPHYLLENE | 5.953 |
| ALPHA-CARYOPHYLLENE | 0.490 |
| OXYDE DE CARYOPHYLLENE | 3.497 |
| BETA-CEDRENE | 0.235 |
| BETA-COPAENE | 0.188 |
| TRANS-BETA-FARNESENE | 0.195 |
| ALLO-AROMADENDRENE | 1.018 |
| GAMMA-MUUROLENE | 0.317 |
| Ar-CURCUMENE | 4.582 |
| BETA-CURCUMENE | 1.378 |
| GERMACRENE D | 3.256 |
| BICYCLOGERMACRENE | 2.324 |
| ALPHA-ZINGIBERENE | 1.048 |
| GAMMA-CADINENE | 0.306 |
| DELTA-CADINENE | 0.724 |
| ALPHA-CADINENE | 0.112 |
| EPI-ALPHA-CADINOL | 0.586 |
| BETA-SESQUIPELLANDRENE | 0.021 |
| TRANS-CALAMENENE | 0.032 |
| TRANS-NEROLIDOL | 0.665 |
| VIRIDIFLOROL | 0.080 |
| 1-EPI-CUBENOL | 0.061 |
| Total | 94.543 |



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|---|--|--|---------------------|
|  FLORIHANA | ENREGISTREMENT DES BULLETINS ANALYTIQUES : CHROMATOGRAPHIE ESSENTIAL OIL CHROMATOGRAPHY SHEET RECORDS | FORM-LAB005-B | Page 4 sur 4 |
| JE INTERNATIONAL | | Date d'entrée en vigueur / taking effect : 10/06/2011 | |

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

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