
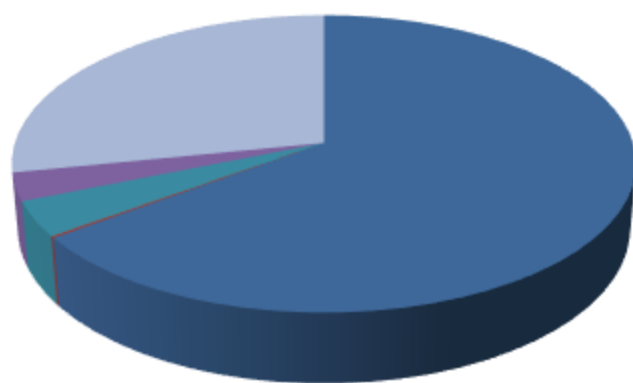


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|---|--|--|---------------------|
|  JE INTERNATIONAL | ENREGISTREMENT DES BULLETINS ANALYTIQUES : CHROMATOGRAPHIE ESSENTIAL OIL CHROMATOGRAPHY SHEET RECORDS | FORM-LAB005-B | Page 1 sur 4 |
| | | Date d'entrée en vigueur / taking effect : 10/06/2011 | |

Date : 14/10/2013
 Référence produit / Product reference : FLE155
 Huile essentielle de / Essential oil of : Encens Oliban / Olibanum organic oil
 Numéro de lot / Lot Number : M141013SOM
 Densité à 20°C (g/cm³) / Density to 20°C (g/cm³) : 0.8853
 Indice de réfraction / Refractive index : 1.4732
 Pouvoir rotatoire à 20°C / Optical rotation to 20°C : Conforme
 Mode de culture / Culture mode : Sauvage / Wild
 Pays / Country : Somalie / Somalia
 Date de production / Production date : 05/2013
 D.L.U. / Shelf life : 06/2018
 Mode d'extraction / Extraction mode : Distillation à la vapeur / Steam distillation
 % Bio / % Organic : 100% Bio / 100% Organic
 Nom Latin / Latin Name : Boswellia carterii
 Parties utilisées / Used Parts : Resine/resin



- Hydrocarbures monoterpéniques
- alcools monoterpéniques
- cétones monoterpéniques
- aldéhyde monoterpéniques
- hydrocarbures sesquiterpéniques
- alcools sesquiterpéniques



| Molécule | % |
|------------------------------|----------|
| toluene ** | 0.080 |
| alpha-thuyene | 0.950 |
| alpha-pinene | 42.720 |
| camphene | 0.78 |
| verbenene (pinadiene) | 0.910 |
| sabinene | 4.330 |
| beta-pinene | 4.190 |
| beta-myrcene | 2.39 |
| methylanisole | 0.100 |
| alpha-phellandrene | 0.310 |
| delta-3-carene | 0.450 |
| alpha-terpinene | 0.300 |
| para-cymene | 1.780 |
| limonene * | 6.03 |
| trans beta ocimene | 0.140 |
| Alcool C08 | 0.280 |
| gamma-terpinene | 0.6 |
| dehydroparacymene | 0.2 |
| terpinolene | 0.150 |
| linalol * | 0.180 |
| aldehyde alpha campholenique | 0.57 |



| Molécule | % |
|---------------------|-------|
| camphre | 0.03 |
| trans-pinocarveol | 1.95 |
| 4 terpinenol | 0.96 |
| myrtenal | 0.650 |
| alpha-terpineol | 0.340 |
| myrtenol | 0.580 |
| verbenone | 1.470 |
| acetate d'octyle | 2.770 |
| carveol 1/2 | 0.420 |
| carveol 2/2 | 0.090 |
| decyl methyl ether | 0.340 |
| carvone | 0.220 |
| alpha-cubebene | 0.070 |
| acetate de geranyle | 0.25 |
| alpha-copaene | 0.190 |
| beta-bourbonene | 0.540 |
| beta-elemene | 0.250 |
| beta-caryophyllene | 0.530 |
| 6,9-guaiadiene | 0.340 |
| alpha-humulene | 0.280 |
| alpha-guaiene | 0.160 |

| Molécule | % |
|-------------------------------|---------------|
| germacrene D | 0.120 |
| alpha-muurolene | 0.340 |
| gamma-cadinene | 0.440 |
| delta-cadinene | 0.550 |
| epoxycaryophyllene | 0.310 |
| viridiflorol | 3.320 |
| epi-bicyclosesquiphellandrene | 0.450 |
| cembrene | 0.100 |
| cembrenol | 0.970 |
| Total | 86.470 |

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

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