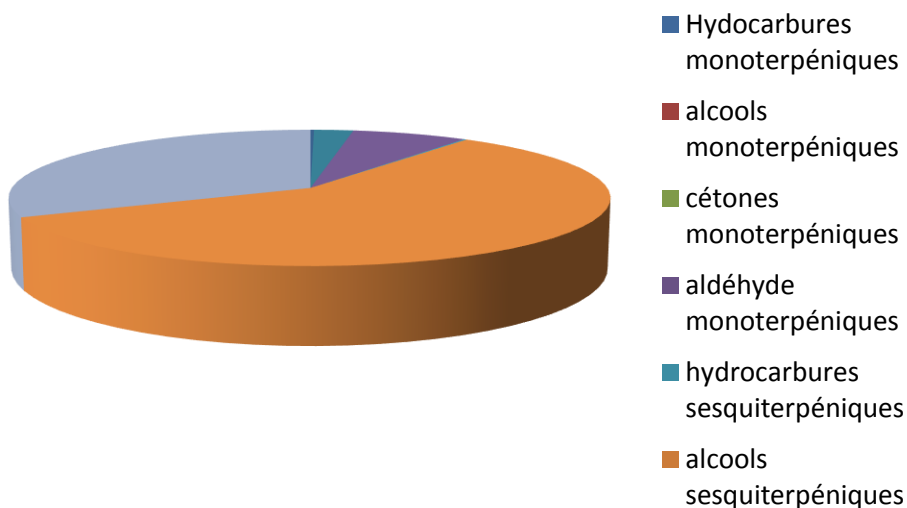


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|---|--|--|---------------------|
|  JE INTERNATIONAL | ENREGISTREMENT DES BULLETINS ANALYTIQUES : CHROMATOGRAPHIE ESSENTIAL OIL CHROMATOGRAPHY SHEET RECORDS | FORM-LAB005-B | Page 1 sur 3 |
| | | Date d'entrée en vigueur / taking effect : 10/06/2011 | |

| | | |
|--|---|---|
| Date | : | 13/01/17 |
| Huile essentielle de / Essential oil of | : | Epicea / Common Spruce |
| Numéro de lot / Lot Number | : | B100117F |
| Densité à 20°C (g/cm ³) / Density to 20°C (g/cm ³) | : | 0.885 |
| Indice de réfraction / Refractive index | : | 1.47599 |
| Pouvoir rotatoire à 20°C / Optical rotation to 20°C | : | -26.29 |
| Mode de culture / Culture mode | : | Sauvage / Wild |
| Pays / Country | : | France |
| Date de production / Production date | : | 01/2017 |
| D.L.U. / Shelf life | : | 02/2022 |
| Mode d'extraction / Extraction mode | : | Distillation à la vapeur / Steam distillation |
| % Bio / % Organic | : | 100% Bio / 100% Organic |
| Nom Latin / Latin Name | : | Picea Abies |
| Parties utilisées / Used Parts | : | aiguilles/needles |



| Molécule | % |
|---------------------|--------|
| Santene | 1.190 |
| Tricyclene | 0.887 |
| Alpha-thujène | 0.078 |
| Alpha-pinene | 19.535 |
| Camphene | 9.586 |
| Sabinene | 0.348 |
| Beta-pinene | 29.566 |
| Myrcene | 3.019 |
| Alpha-phellandrene | 3.508 |
| Alpha-terpinène | 0.036 |
| Para-cymène | 0.382 |
| Limonene* | 10.873 |
| Beta-phellandrène | 2.465 |
| Eucalytpol | 2.690 |
| (E)-Beta-Ocimène | 0.012 |
| Gamma-terpinène | 0.089 |
| Terpinolène | 0.369 |
| Para-cymenène | 0.030 |
| Linalol | 0.052 |
| Fenchol | 0.077 |
| Camphre | 1.124 |
| Hydrate de Camphène | 0.729 |
| Borneol | 1.635 |

| Molécule | % |
|--|---------------|
| Terpinene-4-ol | 0.254 |
| Alpha-terpineol | 0.788 |
| Formate de bornyle + Thymol méthyl-Ether | 0.185 |
| Acétate de bornyle | 5.181 |
| Acétate d'Alpha-Terpényle | 0.261 |
| Alpha-longipinène | 0.266 |
| Acetate de Geranyle | 0.086 |
| Longifolène | 0.680 |
| beta-caryophyllene | 0.750 |
| Alpha-Humulène | 0.251 |
| gamma-cadinene | 0.118 |
| Delta-Cadinène | 0.348 |
| oxyde de caryophyllene | 0.182 |
| Epi-Alpha-Cadinol | 0.049 |
| Epi-Alpha-Muurolol | 0.050 |
| Alpha-Copaène-ol | 0.020 |
| alpha-cadinol | 0.094 |
| Cembrène | 0.245 |
| Rimuène | 0.063 |
| Total | 98.151 |

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

