
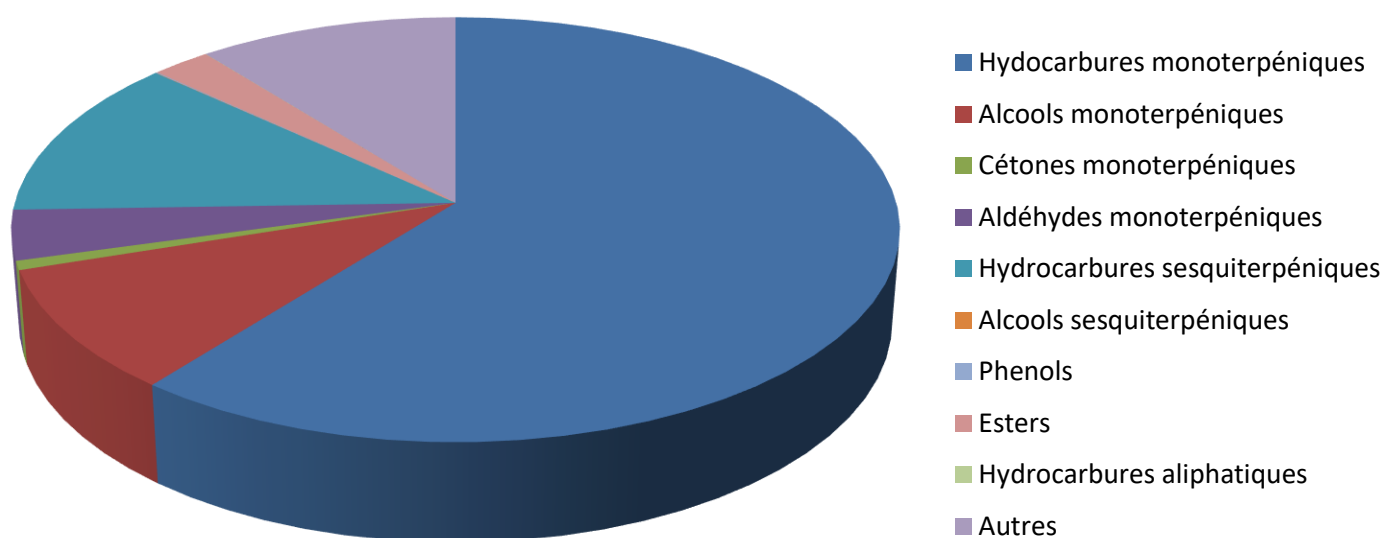




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|  FLORIHANA | ENREGISTREMENT DES BULLETINS ANALYTIQUES : CHROMATOGRAPHIE ESSENTIAL OIL CHROMATOGRAPHY SHEET RECORDS | FORM-LAB005-B | Page 1 sur 4 |
| JE INTERNATIONAL | | Date d'entrée en vigueur / taking effect : 10/06/2011 | |

| | | |
|--|---|---|
| Date | : | 15/01/2018 |
| Référence produit / Product reference | : | FLE157 |
| Huile essentielle de / Essential oil of | : | Ledon du Groenland / Labrador Tea |
| Numéro de lot / Lot Number | : | P120118CA |
| Densité à 20°C (g/cm ³) / Density to 20°C (g/cm ³) | : | 0.887 |
| Indice de réfraction / Refractive index | : | 1.480 |
| Pouvoir rotatoire à 20°C / Optical rotation to 20°C | : | -12° |
| Mode de culture / Culture mode | : | Sauvage / Wild |
| Pays / Country | : | Canada |
| Date de production / Production date | : | 09/2017 |
| D.L.U. / Shelf life | : | 10/2022 |
| Mode d'extraction / Extraction mode | : | Distillation à la vapeur / Steam distillation |
| Naturel / Natural | : | 100% Bio / 100% Organic |
| Nom Latin / Latin Name | : | Ledum Groenlandicum |
| Parties utilisées / Used Parts | : | Plante / Plant |




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| Molécule | % |
|-------------------------------------|-------|
| TRICYCLEN | 0.12 |
| ALPHA-PINENE | 5.52 |
| ALPHA-THUYENE | 0.92 |
| 5.5-DIMETHYL-1.3-HEXADIENE | 0.01 |
| TOLUENE ** | 0.01 |
| ALPHA-FENCHENE | 0.02 |
| CAMPHE | 1.52 |
| HEXANAL | 0.01 |
| 3.3-DIMETHYL-6-METHYLENECYCLOHEXENE | 0.01 |
| BETA-PINENE | 34.12 |
| PINADIENE | 0.02 |
| PARA-MENTH-2-ENE | 0.01 |
| DELTA-3-CARENE | 0.01 |
| BETA-MYRCENE | 0.43 |
| ALPHA-PHELLANDRENE | 0.52 |
| ALPHA-TERPINENE | 3.78 |
| HEPTANAL | 0.01 |
| 2.3-DEHYDRO-1.8-CINEOLE | 0.01 |
| LIMONENE * | 1.09 |
| 1.8-CINEOLE | 1.47 |
| 1.3.8-PARA-MENTHATRIENE | 0.04 |
| ACETATE D'HEXYLE | 0.01 |
| CIS-BETA-OCIMENE | 0.16 |
| GAMMA-TERPINENE | 9.01 |
| MENTHATRIENE | 0.06 |
| TRANS-BETA-OCIMENE | 0.08 |
| PARA-CYMENE | 1.66 |
| TERPINOLENE | 1.39 |
| ALPHA-PARA-DIMETHYLSTYRENE | 0.05 |
| ALPHA-THUYONE | 0.02 |
| PARA-MENT-3-EN-7-AL | 0.22 |
| ALPHA-CUBEBENE | 0.05 |
| GAMMA-ELEMENE | 0.02 |
| ALPHA-CAMPHOLENAL | 0.02 |
| ALPHA-COPAENE | 0.11 |
| CAMPHE | 0.04 |
| ALPHA-PINOCAMPHONE | 0.02 |

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| Molécule | % |
|--|------|
| BETA-BOURBONENE | 0.01 |
| ALPHA-GURJUNENE | 0.64 |
| BETA-PINOCAMPHONE | 0.08 |
| LINALOL * | 0.03 |
| CIS-THUYANOL | 0.02 |
| PINOCARVONE | 0.65 |
| ACETATE DE BORNYLE | 2.68 |
| ALPHA-TRANS-BERGAMOTENE | 0.05 |
| BETA-ELEMENE | 0.33 |
| TERPINENE-4-OL | 7.12 |
| THUY-3-EN-10-AL | 0.94 |
| MYRTENAL | 4.12 |
| SABINACETONE | 0.52 |
| GERMACRENE A | 0.11 |
| ALLO-AROMADENDRENE | 0.23 |
| TRANS-PINOCARVEOL | 1.59 |
| ZONARENE | 0.13 |
| CRYPTONE | 0.04 |
| ALPHA-HUMULENE | 0.99 |
| GAMMA-SELINENE | 0.04 |
| ACETATE DE MYRTENYLE | 0.05 |
| GAMMA-MUUROLENE | 0.04 |
| ALPHA-TERPINEOL | 0.42 |
| GERMACRENE D | 0.2 |
| BETA-SELINENE | 4.68 |
| ALPHA-SELINENE | 2.01 |
| BETA-BISABOLENE | 1.84 |
| EUDESMA-2,4,11-TRIENE | 0.15 |
| TRANS-ISOPIPERITENOL | 0.05 |
| ALPHA-FARNESENE | 0.06 |
| ACETATE DE GERANYLE | 0.06 |
| GAMMA-CADINENE | 0.5 |
| SELINA-3,7-DIENE | 0.08 |
| 2.5.5-TRIMETHYLE-1.3.6-HEPTATRIENE | 0.02 |
| CUMINAL | 0.81 |
| 3.7.11-TRIMETHYL-1.3.6.10-DODECATETRAENE | 0.07 |
| CADINA-1,4-DIENE | 0.08 |

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| Molécule | % |
|---------------------------------------|--------------|
| MYRTENOL | 0.38 |
| TRANS-PARA-1(7)-MENTHA-8(9)-DIEN-2-OL | 0.08 |
| ACETATE DE MYRCENYLE | 0.04 |
| GERMACRENE B | 0.12 |
| PARA-CYMENE-8-OL | 0.01 |
| CURZERENE | 0.08 |
| CIS-PARA-1,7-MENTHA-8,9-DIEN-2-OL | 0.06 |
| ALPHA-CALACORENE | 0.06 |
| PALUSTROL | 0.32 |
| CUBEBOL | 0.01 |
| OXYDE DE CARYOPHYLLENE | 0.04 |
| ACETATE TERPENIQUE | 0.06 |
| PRECOCENE I | 0.04 |
| LEDOL | 0.06 |
| EPOXY-6,7-HUMULENE | 0.02 |
| EPI-CUBENOL | 0.03 |
| CUMINOL | 0.07 |
| EUDESMA-5-EN-11-ALPHA-OL | 0.63 |
| CARYOPHYLLENOL | 0.02 |
| CARVACROL | 0.06 |
| GERMACRONE | 0.08 |
| ISOLONGIFOLEN-5-ONE | 0.08 |
| ZIERONE | 0.12 |
| CYCLOCOLORENONE | 0.67 |
| Total | 97.15 |

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

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