



## Gas Chromatography Analysis

Dear Customer,

Attached you will find the results of gas chromatographic analysis based on the information provided by our Producer/Laboratory for:

**Sample Reference** **2765**

We testify that the Chromatographic Analysis (GC) for the mentioned sample is identical with:

|                        |                                  |
|------------------------|----------------------------------|
| <b>Product No.:</b>    | <b>2765</b>                      |
| <b>Product Name:</b>   | <b>Fir (Douglas Fir) organic</b> |
| <b>Botanical Name:</b> | <b>Pseudotsuga menziesii</b>     |
| <b>Batch No.:</b>      | <b>1013939</b>                   |

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**Analyse chromatographique par GC/FID**

| Tr   | Composés                | % Fid  |
|------|-------------------------|--------|
| 4.96 | Tricyclène              | 0.068  |
| 5.05 | Alpha-Thujène           | 0.897  |
| 5.20 | Alpha-Pinène            | 11.603 |
| 5.52 | Camphène                | 0.634  |
| 6.00 | Sabinène                | 9.995  |
| 6.09 | Béta-Pinène             | 25.296 |
| 6.33 | Myrcène                 | 2.099  |
| 6.64 | Alpha-Phellandréne      | 0.242  |
| 6.68 | Delta-3-Carène          | 9.849  |
| 6.84 | Alpha-Terpinène         | 2.865  |
| 6.98 | Para-Cymène             | 0.505  |
| 7.06 | Limonène                | 2.130  |
| 7.09 | Béta-Phellandréne       | 1.603  |
| 7.20 | (Z)-Béta-Ocimène        | 0.073  |
| 7.39 | (E)-Béta-Ocimène        | 0.234  |
| 7.59 | Gamma-Terpinène         | 4.696  |
| 7.82 | Cis-Hydrate de Sabinène | 0.048  |
| 8.06 | Terpinolène             | 13.401 |
| 8.14 | Para-Cyménène           | 0.202  |
| 8.32 | Linalol                 | 0.135  |

| Tr    | Composés       | % Fid |
|-------|----------------|-------|
| 13.71 | Germacrène-D   | 0.413 |
| 13.81 | Béta-Sélinène  | 0.027 |
| 13.91 | Alpha-Sélinène | 0.084 |
| 14.09 | Gamma-Cadinène | 0.039 |

| Tr    | Composés                         | % Fid |
|-------|----------------------------------|-------|
| 8.72  | Menth-ène-2-ol cis-para          | 0.143 |
| 9.02  | Menth-ène-2-ol trans-para        | 0.102 |
| 9.17  | Citromellal                      | 0.068 |
| 9.49  | Bornéol                          | 0.074 |
| 9.62  | Terpinène-4-ol                   | 6.355 |
| 9.72  | Para-Cymène-8-ol                 | 0.101 |
| 9.84  | Alpha-Terpinéol                  | 0.868 |
| 10.30 | Nérol                            | 0.758 |
| 10.32 | Citronnellol+Thymol méthyl Ether | 0.121 |
| 10.46 | Carvacrol méthyl-ether           | 0.015 |
| 11.13 | Acétate de Bornyle               | 0.210 |
| 11.82 | Delta-Elémène                    | 0.078 |
| 11.99 | Acétate de citronnellyle         | 1.180 |
| 12.37 | Acétate de Géranyle              | 0.638 |
| 12.54 | Béta-Bourbonène                  | 0.067 |
| 12.59 | Béta-Elémène                     | 0.039 |
| 12.82 | Longifolène                      | 0.070 |
| 12.94 | Béta-Caryophyllène               | 0.141 |
| 13.20 | Guaia-6,9-diène                  | 0.029 |
| 13.39 | Alpha-Humulène                   | 0.208 |

| Tr    | Composés             | % Fid  |
|-------|----------------------|--------|
| 14.14 | Delta-Cadinène       | 0.178  |
| 14.64 | (E)-Alpha-Bisabolène | 0.043  |
| 15.74 | Alpha-Cadinol        | 0.030  |
|       | Total                | 98.654 |