

| GC-MS Analysis                            |               |  |            |                 |                       |
|---|---------------|--|------------|-----------------|-----------------------|
| <b>Product Name</b>                       |               | <b>Frankincense Frereana Es.Oil</b>        |            |                 |                       |
| <b>Product Type</b>                       |               | <b>Essential oil</b>                       |            |                 |                       |
| <b>Label name</b>                         |               | <b>FRANKINCENSE FREREANA ESSENTIAL OIL</b> |            |                 |                       |
| <b>Botanical Name</b>                     |               | <b><i>Bowsellia frereana</i></b>           |            |                 |                       |
| <b>Batch N°</b>                           |               | <b>FF2023001B</b>                          |            |                 |                       |
| <b>Density at 20°C (g/cm<sup>3</sup>)</b> |               | <b>0.880</b>                               |            |                 |                       |
| <b>Refractive Index</b>                   |               | <b>1.475</b>                               |            |                 |                       |
| <b>Optical rotation at 20°C</b>           |               | <b>-3.20°</b>                              |            |                 |                       |
| <b>Cultivation</b>                        |               | <b>Conventional</b>                        |            |                 |                       |
| <b>Production Date</b>                    |               | <b>September 2022</b>                      |            |                 |                       |
| <b>Shelf Life</b>                         |               | <b>5 years</b>                             |            |                 |                       |
| <b>Origin</b>                             |               | <b>Somalia</b>                             |            |                 |                       |
| <b>Production</b>                         |               | <b>Steam distillation</b>                  |            |                 |                       |
| <b>Plant Part</b>                         |               | <b>Resin</b>                               |            |                 |                       |
| Time                                      | Compounds     | CAS N°                                     | %          | Chemical Family | IFRA 49th Restriction |
| 12.43                                     | Alpha-pinene  | 80-56-8                                    | 17.89      | Monoterpene     |                       |
| 13.94                                     | Alpha-thuyene | 2867-05-2                                  | 48.13      | Monoterpene     |                       |
| 14.92                                     | Beta-pinene   | 127-91-3                                   | 5.92       | Monoterpene     |                       |
| 15.05                                     | Sabinene      | 3387-41-5                                  | 12.80      | Monoterpene     |                       |
| 19.78                                     | Para-cymene   | 99-87-6                                    | 16.07      | Monoterpene     |                       |
| Total                                     |               |  | <b>100</b> |                 |                       |

