

| GC – MS Analysis | | | | | |
|--------------------------------------|------------------------|--|--------------|----------------------|-----------------------|
| Product Name | | Niaouli Es.Oil | | | |
| Product Type | | Essential oil | | | |
| Botanical Name | | <i>Melaleuca quinquenervia (Cav.)S.T.Blake</i> | | | |
| Batch No | | NI2023001B | | | |
| Label name | | NIAOULI ESSENTIAL OIL | | | |
| Density at 20°C (g/cm ³) | | 0.910 | | | |
| Refractive Index | | 1.470 | | | |
| Optical rotation at 20°C | | -3.15° | | | |
| Cultivation | | Conventional | | | |
| Production Date | | May 2022 | | | |
| Shelf Life | | 5 years | | | |
| Origin | | Australia | | | |
| Production | | Steam Distillation | | | |
| Plant Part | | Flowers | | | |
| Time | Compounds | CAS N° | % | Chemical Family | IFRA 49th Restriction |
| 16.31 | 1,8-Cineol | 470-82-6 | 53.85 | Monoterpenic ether | |
| 17.85 | Alpha-pinene | 80-56-8 | 9.16 | Monoterpene | |
| 18.22 | Limonene | 5989-27-5 | 6.59 | Monoterpene | Cosmetic Allergen |
| 19.03 | Alpha-terpineol | 98-55-5 | 7.00 | Monoterpenic alcohol | |
| 21.63 | Viridiflorol | 552-02-3 | 4.41 | Sesquiterpenoid | |
| 22.04 | Beta-pinene | 127-91-3 | 2.30 | Monoterpene | |
| 23.58 | Beta-caryophyllene | 87-44-5 | 1.99 | Sesquiterpene | |
| 24.69 | Gamma-terpinene | 99-85-4 | 1.71 | Monoterpene | |
| 25.10 | Alpha-terpinyl acetate | 80-26-2 | 1.25 | Monoterpenoid | |
| 27.68 | Myrcene | 123-35-3 | 1.30 | Monoterpene | |
| 29.02 | Para-cymene | 99-87-6 | 0.99 | Monoterpene | |
| 32.54 | Trans-nerolidol | 40716-66-3 | 0.59 | Monoterpenic alcohol | |
| TOTAL | | | 91.14 | | |