

| GC-MS Analysis | | | | | |
|-------------------------------------------|-------------------|---------------------------------------------|------|-----------------|-----------------------|
| Product Name | | Lavender Es.Oil | | | |
| Product Type | | Essential oil | | | |
| Label name | | GREEK LAVENDER ORGANIC ESSENTIAL OIL | | | |
| Botanical Name | | <i>Lavandula angustifolia</i> | | | |
| Batch N° | | L2021003B | | | |
| Density at 20°C (g/cm³) | | 0.880 | | | |
| Refractive Index | | 1.460±0.0003 | | | |
| Optical rotation at 20°C | | -7.12° | | | |
| Cultivation | | Certified organic | | | |
| Production Date | | July 2020 | | | |
| Shelf Life | | 5 years | | | |
| Origin | | Greece | | | |
| Production | | Steam Distillation | | | |
| Plant Part | | Flowering tops | | | |
| Time | Compounds | CAS N° | % | Chemical Family | IFRA 49th Restriction |
| 22.76 | Beta-myrcene | 123-35-3 | 0.63 | | |
| 25.42 | Limonene | 138-86-3 | 0.35 | Monoterpene | Cosmetic Allergen |
| 26.41 | Beta-Phellandrene | 555-10-2 | 0.69 | Monoterpene | |



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| 27.93 | Cis-Beta-Ocimene | 3338-55-4 | 4.55 | Monoterpene | |
| 29.18 | Trans-Beta-Ocimene | 3779-61-1 | 3.48 | Monoterpene | |
| 29.5 | 3-Octanone | 106-68-3 | 1.63 | Aliphatic ketone | |
| 30.76 | Hexyl Acetate | 142-92-7 | 0.84 | Aliphatic ester | |
| 38.36 | 1-Octen-3-yl Acetate+ Cis-3-Hexenol | 2442-10-6/928-96-1 | 0.87 | Aliphatic ester | Dermal Sensitization |
| 39.49 | 3-Octanol | 589-98-0 | 0.33 | Aliphatic ester | |
| 41.16 | Hexyl Butyrate | 2639-63-6 | 0.43 | Aliphatic ester | |
| 48.6 | Camphor | 76-22-2 | 0.18 | Monoterpenic ketone | |
| 50.01 | Linalool | 78-70-6 | 32.18 | Monoterpenic alcohol | Cosmetic Allergen |
| 50.79 | Linalyl Acetate | 115-95-7 | 29.74 | Monoterpenic ester | |
| 52.23 | Alpha-Santalene | 512-61-8 | 0.35 | Sesquiterpene | |
| 53.92 | Lavandulyl Acetate | 25905-14-0 | 3.43 | Monoterpenic ester | |
| 54.0 | Terpinen-4-ol | 562-74-3 | 4.13 | Monoterpenic alcohol | |
| 54.1 | Trans-Beta Caryophyllene | 87-44-5 | 2.96 | Sesquiterpene | |
| 57.67 | Trans-Beta Farnesene | 18794-84-8 | 3.79 | Sesquiterpene | |
| 58.31 | Lavandulol | 498-16-8 | 0.76 | Monoterpenic alcohol | |
| 59.83 | Alpha-Terpineol | 98-55-5 | 1.20 | Monoterpenic alcohol | |
| 60.25 | Borneol | 507-70-0 | 0.46 | Monoterpenic alcohol | |

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|-------|-----------------|------------|-------|----------------------|-------------------|
| 61.07 | Germacrene D | 23986-74-5 | 0.48 | Sesquiterpene | |
| 61.39 | Neryl Acetate | 141-12-8 | 0.34 | Monoterpenic ester | |
| 63.22 | Geranyl Acetate | 105-87-3 | 0.56 | Monoterpenic ester | |
| 68.4 | Geraniol | 106-24-1 | 0.51 | Monoterpenic alcohol | Cosmetic Allergen |
| Total | | | 94.87 | | |

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