



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Mastic Tree Essential Oil
(Pistacia lentiscus)

GENERAL PROPERTIES

| | |
|-----------------------|---|
| Batch number | 050825-3 |
| INCI | Pistacia Lentiscus Leaf Oil |
| Country of origin | Morocco |
| Manufacturing method | By water-steam distillation of twigs and leaves |
| Organic certification | ORGANIC = ORGANIC PRODUCT Certified. |
| Used part | Twig and leaf |

ORGANOLEPTIC PROPERTIES

| | Norm | Result | Conformity |
|------------|----------------------|----------------------|-------------------|
| Appearance | Limpid liquid | Limpid liquid | CONFORM |
| Color | Pale yellow to brown | Pale yellow to brown | CONFORM |
| Odor | Green, fresh | Green, fresh | CONFORM |

TECHNICAL DATA

| | Norm | Result | Conformity |
|--|-----------------|---------------|-------------------|
| Relative density (d ₂₀ /20) | [0.850 ; 0.870] | 0.867 | CONFORM |
| Refractive index @ 20°C | [1.470 ; 1.485] | 1.478 | CONFORM |
| Angular rotation (°) | [-15.0 ; -5.0] | -8.8 | CONFORM |

MAIN CONSTITUENTS IN %

| | Norm | Result | Conformity |
|--------------------|---------------|---------------|-------------------|
| alpha-Pinène | [10.0 ; 25.0] | 18.12 | CONFORM |
| Camphène | [1.0 ; 4.0] | 2.32 | CONFORM |
| beta-Pinène | [1.5 ; 6.0] | 2.79 | CONFORM |
| Myrcène | [10.0 ; 25.0] | 13.61 | CONFORM |
| alpha-Phellandrène | [2.0 ; 5.0] | 3.83 | CONFORM |
| alpha-Terpinène | [1.0 ; 4.0] | 3.19 | CONFORM |
| para-Cymène | [0.5 ; 2.5] | 1.58 | CONFORM |
| Limonène | [10.0 ; 17.0] | 14.84 | CONFORM |
| beta-Phellandrène | [1.0 ; 4.0] | 2.21 | CONFORM |
| gamma-Terpinène | [2.0 ; 6.0] | 4.87 | CONFORM |
| Terpinolène | [1.0 ; 4.0] | 2.15 | CONFORM |
| Linalol | [0.0 ; 0.5] | 0.18 | CONFORM |
| Terpinène-1, ol-4 | [3.0 ; 9.0] | 7.23 | CONFORM |
| alpha-Terpinéol | [1.0 ; 4.0] | 2.59 | CONFORM |
| Acétate de bornyle | [0.0 ; 2.0] | 0.88 | CONFORM |
| beta-Caryophyllène | [2.0 ; 8.0] | 4.61 | CONFORM |
| delta-Cadinène | [0.5 ; 3.0] | 1.54 | CONFORM |
| Methyl eugénol | [0.0 ; 0.04] | 0.02 | CONFORM |
| Safrol | < 10 ppm | < 10 ppm | CONFORM |
| Methylchavicol | < 10 ppm | < 10 ppm | CONFORM |

Storage conditions :

This product is best stored in its original packaging in a dry, well ventilated and controlled temperature area. Avoid exposure to direct sunlight.