



NHR ORGANIC OILS  
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*Certificate of Analysis & Gas Chromatography*  
**Organic Ylang Ylang Extra Essential Oil**  
*(Cananga odorata var. genuina)*

**Batch number:** 180326-2

**Origin:** Madagascar

**1. IDENTIFICATION DE LA SUBSTANCE / IDENTIFICATION OF THE SUBSTANCE**

|                                |  |
|--------------------------------|--|
| Nom du produit / Product name: | Huile essentielle d'ylang extra BIO / Essential oil of ORGANIC ylang extra |
| Législation :                  | Substance 100% pure et naturelle / Matter 100% pure and natural            |
| Nom botanique/Botanical name : | Cananga odorata var genuina  |

**2. CARACTERISTIQUES ORGANOLEPTIQUES ET PHYSIQUES/PHYSICAL AND ORGANOLEPTIC CHARACTERISTICS**

| CRITÈRES / CRITERIA                                  | RESULTATS / RESULTS | SPECIFICATIONS | CONFORMITÉ/<br>CONFORMITY |
|--|---------------------|----------------|---------------------------|
| Densité à 20°C / Density at 20°C                     |                     | 0.930 - 0.965  |                           |
| Indice de réfraction à 20 °C /                       |                     | 1.488 - 1.509  |                           |
| Pouvoir rotatoire à 20 °C / Optical rotation at 20°C |                     | -42° ; -15°    |                           |

3. ANALYSES CHROMATOGRAPHIQUES / CHROMATOGRAPHIC ANALYSIS

| CONSTITUANTS / CONSTITUENTS | %     | CONSTITUANTS / CONSTITUENTS | %     |
|-----------------------------|-------|-----------------------------|-------|
| Alpha-pinene                | 0,24  | Acetate de benzyle          | 5,29  |
| Acetate d'isoprenyle        | 0,14  | Bicyclgermacrene            | 0,37  |
| Limonene                    | 0,01  | E,E-alpha-farnesene         | 1,70  |
| 1,8-cineole                 | 0,53  | Acetate de geranyle         | 11,79 |
| Acetate de prenyle          | 0,58  | Delta-cadinene              | 1,45  |
| Methyl-p-cresol             | 10,51 | Salicylate de methyle       | 0,00  |
| Alpha-copaene               | 0,41  | Geraniol                    | 2,87  |
| Linalol                     | 19,42 | Acetate de cinnamyle        | 0,17  |
| Beta-elemene                | 0,21  | Eugenol                     | 0,65  |
| Beta-caryophyllene          | 6,90  | Gamma eudesmol              | 0,70  |
| Benzoate de methyle         | 5,35  | T-cadinol                   | 0,29  |
| Estragole                   | 0,28  | Alpha-cadinol               | 0,98  |
| Alpha-humulene              | 1,79  | Farnesol                    | 1,44  |
| Gamma-muurolene             | 0,53  | Benzoate de benzyle         | 6,41  |
| Alpha-terpineol             | 0,27  | Salicylate de benzyle       | 2,33  |
| Germacrene D                | 6,88  | Methyl eugenol              | 0,01  |