



NHR ORGANIC OILS  
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## *Product Specification*

# **Organic Petitgrain Mandarin Essential Oil**

### *(Citrus reticulata)*

#### **GENERALS PROPERTIES**

<i>Used part :</i>	Leaf and twig
<i>Organic certification :</i>	ORGANIC PRODUCT
<i>Manufacturing method :</i>	By water-steam distillation of Leaf and twig
<i>Country of origin :</i>	Madagascar
<i>INCI :</i>	CITRUS RETICULATA LEAF OIL

#### **ORGANOLEPTIC PROPERTIES**

<i>Appearance :</i>	Limpid liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odor :</i>	Fresh, floral

#### **TECHNICAL DATA**

<i>Relative density (d<sub>20</sub>/20) :</i>	[0.860; 0.880]
<i>Refractive index @ 20°C :</i>	[1.470; 1.490]
<i>Angular rotation (°) :</i>	[+2; +75]
<i>Flash point :</i>	59
<i>Ethanol solubility :</i>	4 Vol. alcool à 70% pour 1 Vol. d'huile essentielle

#### **MAIN CONSTITUENTS IN %**

<i>alpha-Pinène :</i>	[0.5 ; 10.0]
<i>beta-Pinène :</i>	[0.5 ; 10.0]
<i>para-Cymène :</i>	[0.5 ; 15.0]
<i>Limonène :</i>	[1.5 ; 15.0]
<i>trans-beta-Ocimène :</i>	[7.0 ; 15.0]
<i>gamma-Terpinène :</i>	[5.0 ; 15.0]
<i>Linalol :</i>	[30.0 ; 50.0]
<i>Thymol :</i>	[2.0 ; 15.0]
<i>beta-Caryophyllène :</i>	[0.0 ; 5.0]
<i>alpha-Sinensal :</i>	[0.0 ; 5.0]

#### **PACKAGING - STORAGE**

**Storage conditions :** Il est recommandé de stocker le produit dans son emballage d'origine fermé, dans un lieu frais et sec, à l'abri de la lumière.

**Storage conditions:** It is recommended to store the product in its original closed packaging, in a cool and dry place, away from light.