



24 CHATHAM PLACE, BRIGHTON, BN1 3TN (UK)  
TEL. (UK) 0845 310 8066 International Tel. +44 1273 746505  
EMAIL: [info@nhrorganicoils.com](mailto:info@nhrorganicoils.com) Web Site: [www.nhrorganicoils.com](http://www.nhrorganicoils.com)

*Certificate of Analysis Sheet*  
**Organic Green Mandarin Essential Oil**  
*(Citrus reticulata)*

Date : 07/2020

Batch Number : 220621-5  
Origin : Brazil

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

**Nom du produit / Product name:** Huile essentielle de MANDARINE VERTE BIO Brésil / Essential oil of ORGANIC GREEN MANDARIN Brazil  
**Qualité/ Quality :** Substance 100% pure et naturelle / Matter 100% pure and natural  
**Nom INCI / INCI name :** Citrus Nobilis peel oil  
**Nom latin / latin name :** Citrus reticulata blanco

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

<b>CRITÈRES / CRITERIA</b>	<b>SPECIFICATIONS</b>	<b>CONFORMITÉ / CONFORMITY</b>
Densité à 20°C / Density at 20°C	0.8534	Conforme / Compliant
Indice de réfraction à 20 °C / Reflective Index	1.4756	Conforme / Compliant
Pouvoir rotatoire/ Optical rotation	69.26	Conforme / Compliant
Apparence / Appearance	Gris-vert liquide / Grey-green liquid	Conforme / Compliant
Odeur / Odor	Frais, typique du fruit / Fresh, typical of fruit	Conforme / Compliant

3. ANALYSES CHROMATOGRAPHIQUES / MICROBIOLOGICAL CHARACTERISTIC

CONSTITUANTS / CONSTITUENTS	%
a-thuyene	0.8
a-pinene	2.18
Camphene	0.02
b-pinene	1.61
Sabinene	0.27
Beta phellandrene	0.20
Myrcene	1.89
Octanal	0.10
p-cymene	0.44
Alpha terpinene	0.45
Limonene	68.47
Gamma terpinene	19.83
Alpha-terpinolene	0.93
Octanal	0.10
Alpha-copaene	0.02
Nonanal	0.02
Citronellal	0.05
Decanal	0.08
Trans-sabinene hydrate	0.13
Linalool	0.08
Beta-caryophyllene	0.15
Terpinene-4-ol	0.06
Thymol	0.10
Methyl n-methylantranilate	0.66
Alpha terpineol	0.23
(E.E)-Alpha farnesene	0.30
Alpha-sinensal	0.35
Citronellol	0.03

Résultats obtenus par le laboratoire de notre producteur/ [results from our producer's laboratory](#)