



Certificate of Analysis

1) Product Identification

Product Name: Mandarin Essential Oil
Botanical Name: Citrus reticulata
Country of Origin: Australia
Cultivation Method: Conventional
Extraction Method: Cold Pressed
Plant Part: Fruit Peel
Lot #: 1
Best by Date: August 2019

2) Physical and Chemical Properties

Appearance:	Clear, golden yellow to red orange mobile liquid	Conforms
Odor:	Characteristic	Conforms
Specific Gravity:	0.840 to 0.880 @ 20°C	Conforms
Refractive Index:	1.465 to 1.482 @ 20°C	Conforms
Optical Rotation:	65° to 100° @ 20°C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

3) Gas Chromatography Analysis (Typical)

Components:

alpha-Pinene	0.43%	Nonanal	0.02%
Sabinene	0.34%	Linalool	0.17%
Myrcene + Octanal	1.81%	Citronellal	0.04%
alpha-Phellandrene	0.05%	alpha-Terpineol	0.03%
Limonene	95.37%	Decanal	0.18%
Octanol	0.03%	Neral	0.05%

HONG GARDO AROMATHERAPY

+852 9867 4989 | info@honggardo.com

Room15, 25/F, Block F, Golden Bear Industrial Centre, 66-82 Chai Wan Kok Street, Tsuen Wan, Hong Kong



4) Storage Conditions

Store at temperature <math><30^{\circ}\text{C}</math> in closed containers and protected from direct sunlight.

5) Remarks

This Essential Oil is a 100% pure and natural product.
It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge.

6) Disclaimer

The information contained in this Certificate of Analysis is obtained from current and reliable sources. Hong Gardo Aromatherapy provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of Hong Gardo Aromatherapy, no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. Hong Gardo Aromatherapy expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by Hong Gardo Aromatherapy as to the fitness for any use. The liability of Hong Gardo Aromatherapy is limited to the value of the goods and does not include any consequential loss. Hong Gardo Aromatherapy shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Hong Gardo Aromatherapy shall not be responsible for any damages resulting from use of or reliance upon this information. The user of this product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

HONG GARDO AROMATHERAPY

+852 9867 4989 | info@honggardo.com

Room15, 25/F, Block F, Golden Bear Industrial Centre, 66-82 Chai Wan Kok Street, Tsuen Wan, Hong Kong